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# Company Analysis and Monitoring Service (CAMS) Directory of Information Services Companies

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1280 Villa Street, Mountain View, California 94041

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# CAMS 1987

## Directory of Computer Services Companies

104-ABC

### 1040 Software, Inc.

See: Prentice-Hall

### 202 Data Systems, Inc.

1275 Drummer Lane, Glenhardie Corp. Ctr.  
Wayne, PA 19087  
215-964-1170

Kevin W. Galbraith, President  
Public

Total Sales FYE 10/86: \$3.7m

Services: Software, Prof. Serv., Turnkey

### 3CI

155 W. Harvard  
Fort Collins, CO 80525  
303-223-2722

R. Mehta, President  
Private

Total Sales FYE 11/86: \$2.0m Est.

Services: Software

INPUT profile available

### 3Com Corporation

1365 Shorebird Way  
Mountain View, CA 94043  
415-961-9602

L. William Krause, President  
Public

Total Sales FYE 05/86: \$63.9m

Services: Software, Turnkey

### 3M Corporation

#### SUBSIDIARIES/DIVISIONS:

#### 3M Datatrak Systems, Inc.

10 Sylvan Way  
Parsippany, NJ 07054  
201-267-5990

Julian AvRutick, President  
Employees: 32

Services: Software, Prof. Serv., Turnkey

#### 3M Media Services, Inc.

Four High Ridge Park  
Stamford, CT 06905  
203-329-1170

David Webber, President

### 3M Datatrak Systems, Inc.

See: 3M Corporation

### 3M Media Services, Inc.

See: 3M Corporation

### AAA Technology

3000 Rogerdale  
Houston, TX 77042  
713-789-6200

Reid P. McNally, Jr., President  
Private

Employees: 38

Services: Processing, Software, Prof. Serv., Turnkey

### Abacus

2201 Kalamasoo S.E.  
Grand Rapids, MI 49507  
616-241-5510

Private

Services: Software

### ABACUS Associates

6565 West Loop South, Suite 240  
Bellaires, TX 77401  
713-666-8146

James A. Ostrom, President  
Private

Services: Software, Prof. Serv.

### ABACUS Data Systems

3166 Des Plains Avenue, Suite 32  
Des Plains, IL 60018  
312-298-8780

Eddie Lee, President  
Private

Total Sales FYE 10/85: \$3.0m

Services: Software, Turnkey

### Abbott's Logical Systems

4055 Hollister  
Houston, TX 77080  
713-460-2844

Private

Employees: 5

Services: Software

### ABC Development Systems

2489 Rice Street, Suite 40  
Saint Paul, MN 55113  
612-482-8584

Private

Services: Software

### ABC Financial Systems, Inc.

1273 North Church Street  
Moorestown, NJ 08057  
609-235-9060

James McVeigh, President

Private

# CAMS 1987

## Directory of Computer Services Companies

**ABC Management Systems, Inc.**

805 Dupont Street, Suite 3  
 Bellingham, WA 98225  
 604-682-3808  
 Dr. Ruskin, President  
 Private  
 Total Sales FYE 04/86: \$1.5m

**ABC Marketing International, Inc.**

Suite 3, 805 Dupont Street  
 Bellingham, WA 98225  
 206-671-5170  
 V.N. Ruskin, President  
 Private  
 Services: Software

**ABCO**

1821 Wall Street  
 Dallas, TX 75215  
 214-565-1191  
 Private

**AB Computers**

69 Fifth Avenue, Suite 15G  
 New York, NY 10003  
 212-807-1228  
 Cynthia Mason, President  
 Private  
 Total Sales FYE 12/84: \$0.1m

**A.B. Dick Company****SUBSIDIARIES/DIVISIONS:****A.B. Dick Company - Business Systems**

55 William Street  
 Wellesley, MA 02181  
 617-890-5151  
 Kenneth Quill, President

**A.B. Dick Company - Business Systems**

See: A.B. Dick Company

**ABS Associates, Inc.**

3550 Salt Creek Lane  
 Arlington Heights, IL 60005  
 312-577-7752  
 Tom Mitchell, President  
 Private  
 Total Sales FYE 12/85: \$3.0m  
 Services: Software, Turnkey

**Absolut Software, Inc.**

2001 Beacon Street  
 Boston, MA 02146  
 617-232-8377  
 Private  
 Services: Software

**Academic Financial Services Association**

2277 East 220th St.  
 Long Beach, CA 90810  
 213-513-2710  
 Richard Kipper, President  
 Private  
 Total Sales FYE 12/86: \$32.0m Est.  
 Services: Processing, Prof. Serv.  
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**Accel Technologies, Inc.**

7358 Trade Street  
 San Diego, CA 92121  
 619-695-2000  
 Private  
 Services: Software

**Accent Software**

3750 Wright Pl.  
 Palo Alto, CA 94306  
 415-856-6505  
 Private

**ACCESS Corporation**

1811 Losantville Avenue, Suite 350  
 Cincinnati, OH 45237  
 513-396-9600  
 Kent Fried, President  
 Private  
 Total Sales FYE 04/86: \$10.2m Est.  
 Services: Software, Turnkey

**Access International, Inc.**

208 Union Wharf  
 Boston, MA 02109  
 617-367-3690  
 Mohammed Fotouhi, President  
 Private  
 Total Sales FYE 03/84: \$6.0m  
 Services: Turnkey

**Access Softek**

3204 Adeline Street  
 Berkeley, CA 94703  
 415-654-0116  
 Chris Doner, President  
 Private  
 Services: Software

**Access Technology, Inc.**

6 Pleasant St.  
 South Natick, MA 01760  
 617-431-1775  
 Alan Kluchman, President  
 Private  
 Total Sales FYE 04/85: \$6.8m  
 Services: Software, Prof. Serv.



# CAMS 1987

## Directory of Computer Services Companies

ACC-ACC

### Access Telecommunications Corporation

3010 A Woodcreek Drive  
Downers Grove, IL 60516  
312-960-4455  
Jon McAlear, President  
Private  
Total Sales FYE 06/85: \$1.0m

### Accountants Computer Network, Inc.

565 Brainard, Suite 202  
La Grange, IL 60525  
312-354-8988  
Ken Kendricks, President  
Private

### Accountants Computer Resources Corporation

818 E. Osborne Road, Suite 107  
Phoenix, AZ 85014  
602-274-2716  
Kent Pomery, President  
Private

### Accountants Computer Services

41590 Joy Road  
Plymouth, MI 48170  
313-451-7650  
Mr. William Morrison, President  
Private  
Total Sales FYE 12/85: \$0.8m Est.  
Services: Processing

### Accountants Microsystems, Inc.

3633 136th Place, N.E.  
Bellevue, WA 98006  
206-643-2050  
Richard J. LaPorte, President  
Private  
Total Sales FYE 11/86: \$7.5m Est.  
Services: Software, Turnkey  
INPUT profile available

### Accountants Processing Center

2200 S. Brentwood Boulevard  
St. Louis, MO 63144  
314-968-3434  
Palmer L. Conran, President  
Private

### Accounting Corporation of America

3550 Camino Del Rio North  
San Diego, CA 92108  
619-283-1113  
Nat Colker, President  
Private  
Total Sales FYE 11/86: \$10.0m Est.  
Services: Processing  
INPUT profile available

### Accounting Datamation, Inc.

1300 S. State College Blvd.  
Anaheim, CA 92086  
714-956-0450  
John M. Weir, President  
Private  
Total Sales FYE 12/85: \$3.5m  
Services: Software, Turnkey

### Accounting Data Service

511 Millburn Ave.  
Short Hills, NJ 07078  
201-467-0050  
Herbert Sarwin, President  
Private  
Total Sales FYE 12/85: \$0.7m Est.  
Services: Processing, Prof. Serv.

### Accounting Systems Corporation

59 Schoolground Rd.  
Branford, CT 06405  
203-481-4201  
John W. O'Brien, President  
Private  
Total Sales FYE 11/84: \$0.8m  
Services: Processing, Software, Turnkey

### AccountMate SourceMate Information Systems, Inc.

20 Sunnyvale Avenue  
Mill Valley, CA 94941  
415-381-1011  
Private  
Services: Software

### AccTex Information Systems

131 Stewart Street, Suite 600  
San Francisco, CA 94105  
415-543-4290  
Maison Grigsby, President  
Private  
Total Sales FYE 06/86: \$3.0m  
Services: Software, Turnkey

### Accurate Key punch Service, Inc.

10700 Caribbean Boulevard  
Miami, FL 33189  
305-238-4525  
Bett Cadwallader, President  
Private

### Accuray Corporation

650 Ackerman Road  
P.O. Box 02248  
Columbus, OH 43202  
614-261-2000  
Dave L. Nelson, President  
Public  
Total Sales FYE 12/85: \$126.0m

# CAMS 1987

## Directory of Computer Services Companies

**Accusoft, Inc.**  
126 Alto Street  
San Rafael, CA 94901  
415-459-7540  
Murray Wilkinson, President  
Private  
Total Sales FYE 12/85: \$0.5m

**ACE Publishing Ltd.**  
390 Fifth Avenue, 3rd Floor  
New York, NY 10018  
212-239-8686  
Private

**Ace Software Inc.**  
6314 Feeds Rd.  
P.O. Box 254  
Grove City, OH 43123  
614-875-4910  
Michael Uhrin, President  
Private  
Total Sales FYE 01/84: \$1.2m  
Services: Software

**ACES Software**  
2526 Manana, Suite 105  
Dallas, TX 75220  
214-323-1102  
Jon R. Moore, President  
Private

**A.C. Nielsen Company**  
See: Dun & Bradstreet Corporation (The)

**ACPI, Ltd.**  
One Old Country Road, Suite 113  
Carle Place, NY 11514-1839  
516-248-1700  
Morris Moliver, President  
Private  
Total Sales FYE 03/85: \$6.0m Est.  
Services: Processing, Software, Turnkey

**ACS**  
23272 Del Lago Drive  
Laguna Hills, CA 92653  
714-472-8186  
Larry Brissenden, President  
Private  
Total Sales FYE 12/85: \$1.5m  
Services: Software

**Activision, Inc.**  
2350 Bayshore Frontage Road  
Mountain View, CA 94043  
415-960-0410  
James H. Levy, President  
Public  
Total Sales FYE 03/85: \$17.0m  
Services: Software

**A.C.T.S. Corporation**  
11910 Gate Way  
Austin, TX 78727  
512-258-7869  
Mr. William A. Cariso, President  
Private  
Employees: 9  
Services: Processing, Software, Prof. Serv.

**Actuarial Computer Technology, Inc.**  
6410 Rockledge Drive, Suite 200  
Bethesda, MD 20817  
301-530-4400  
Walter Frasier, President  
Private  
Employees: 60

**ADAC Laboratories**  
4747 Hellyer Ave.  
San Jose, CA 95138  
408-365-2000  
Charles Cantoni, President  
Public  
Total Sales FYE 09/84: \$59.3m  
Services: Processing, Turnkey

**Adalear Group, Ltd. (The)**  
572 Washington St., Suites 9-12  
Wellesley, MA 02181  
617-431-1785  
Alan H. Silva, President  
Private  
Total Sales FYE 10/84: \$1.0m Est.  
Services: Software, Prof. Serv.

**ADAPT**  
P.O. Box 56  
Nokomis, FL 33555  
813-484-4686  
Private

**Adaptable Laboratory Software, Inc.**  
2024 West Henrietta Rd.  
Rochester, NY 14623  
716-272-0070  
Peter Helmers, President  
Private  
Total Sales FYE 09/84: \$1.5m  
Services: Software

**Addmaster Corporation**  
2000 S. Myrtle Avenue  
Monrovia, CA 91016-7116  
818-358-2395  
Private  
Services: Turnkey

# CAMS 1987

## Directory of Computer Services Companies

ADE-ADV

**Adelie Corporation**

125 Cambridge Park Drive  
Cambridge, MA 02140  
617-354-0400

Charles A. Khuen, President  
Private

Total Sales FYE 12/86: \$6.0m Est.  
Services: Software, Prof. Serv.  
INPUT profile available

**Adesse Corporation (The)**

36 Mill Plain Road, Suite 307  
Danbury, CT 06811  
203-790-9473

Gerold M. DePass, President  
Private

Employees: 10  
Services: Software, Prof. Serv.

**Administrative Data Systems, Inc.**

Box 7653  
Atlantic City, NJ 08404  
609-728-3464

Private

**Admins, Inc.**

675 Massachusetts Ave.  
Cambridge, MA 02138  
617-661-3206

Stuart D. McIntosh, President  
Private

Total Sales FYE 06/86: \$1.0m Est.  
Services: Software

**Adobe Systems Incorporated**

1870 Embarcadero Road  
Palo Alto, CA 94303  
415-852-0271

Public

Total Sales FYE 11/86: \$16.0m  
Services: Software

**ADPAC Corporation**

340 Brannan Street, Suite 501  
San Francisco, CA 94107  
415-974-6699

Peter P. Harris, President  
Private

Total Sales FYE 12/86: \$1.3m Est.  
Services: Software

**ADP Banking and Thrift Division**

See: Automatic Data Processing, Inc.

**ADP Brokerage Services Division**

See: Automatic Data Processing, Inc.

**ADP Collision Estimating Services, Inc.**

See: Automatic Data Processing, Inc.

**ADP Comtrend Division**

See: Automatic Data Processing, Inc.

**ADP Dealer Services Division**

See: Automatic Data Processing, Inc.

**ADP Financial Information Services**

See: Automatic Data Processing, Inc.

**ADP Manufacturing Services Division**

See: Automatic Data Processing, Inc.

**ADP National Accounts Division**

See: Automatic Data Processing, Inc.

**ADP Network Services Division**

See: Automatic Data Processing, Inc.

**ADP Thrift Services Division**

See: Automatic Data Processing, Inc.

**ADS Associates, Inc.****SUBSIDIARIES/DIVISIONS:****ADS Systems**

22900 Ventura Boulevard, Suite 255  
Woodland Hills, CA 91364  
213-347-9100

Total Sales FYE 10/84: \$1.6m  
Services: Software

**ADS Software, Inc.**

707 Fifth St., N.E.  
Roanoke, VA 24016  
703-344-6818

William Lawton, President  
Private

Total Sales FYE 12/85: \$1.0m  
Services: Software

**ADS Systems**

See: ADS Associates, Inc.

**Advance Business Services**

29325 Aurora Road  
Solon, OH 44139  
216-349-2598

Donald D. Webster, President  
Private

Services: Processing, Software

**Advanced Applications Inc.**

1145 Pine St  
San Francisco, CA 94101  
415-928-5463

Charles A. Olson, President  
Private

Total Sales FYE /84: \$0.1m  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Advance Data**

P.O. Box 733  
Jonesboro, AR 72401  
501-932-8341  
Dale May, President  
Private

**Advanced Business Computing**

1580 Northwest Highway  
Parkridge, IL 60068  
312-298-0997  
Private

**Advanced Business Systems, Inc.**

215 West Railroad Street  
P.O. Box 596  
Montezuma, GA 31063  
912-472-2341  
James D. Lester III, President  
Private  
Total Sales FYE 12/84: \$0.4m

**Advanced Computer Communications (ACC)**

720 Santa Barbara St.  
Santa Barbara, CA 93101  
805-963-9431  
Roland F. Bryan, President  
Private  
Total Sales FYE 12/84: \$10.2m  
Services: Software, Turnkey

**Advanced Computer Concepts, Inc.**

P.O. Box 15710  
Sarasota, FL 33579  
813-923-1811  
Phil Casasa, General Manager  
Private  
Employees: 10  
Services: Software

**Advanced Computer Management Corporation (ACM)**

3001 West Big Beaver Road, Suite 402  
Troy, MI 48064  
313-649-1800  
Harve C. Light, President  
Private  
Total Sales FYE 11/86: \$8.0m Est.  
Services: Software, Prof. Serv.  
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**Advanced Computer Techniques Corporation (ACT)**

16 East 32nd Street  
New York, NY 10016  
212-696-3600  
John F. Phillips, President  
Public  
Total Sales FYE 12/86: \$15.2m  
Services: Processing, Software, Prof. Serv., Turnkey

**Advanced Cybernetics, Inc.**

4 Park Plaza, Park Road North  
Wyomissing, PA 19610  
215-374-2207  
John Weidenhammer, President  
Private  
Total Sales FYE 12/85: \$6.5m Est.

**Advanced Data Group**

20370 Town Center Lane, Ste. 255  
Cupertino, CA 95014  
408-446-4346  
Richard Wieckowicz, President  
Private  
Total Sales FYE 01/84: \$0.5m Est.  
Services: Processing

**Advanced Data Management, Inc.**

1517 Main Street  
Kingston, NJ 08528  
609-799-4600  
Hank McCauley, President  
Private  
Total Sales FYE 10/86: \$5.0m Est.  
Services: Software, Prof. Serv.  
INPUT profile available

**Advanced Data Processing, Inc.**

146 Westcott  
Houston, TX 77007  
713-880-2300  
George G. Stubblefield, President  
Private  
Total Sales FYE 12/84: \$1.0m  
Services: Processing

**Advanced Data Systems, Inc.**

4010 Long Beach Blvd.  
Long Beach, CA 90807  
213-426-8155  
Dennis L. Christy, President  
Private  
Total Sales FYE 12/86: \$2.0m Est.  
Services: Processing, Software, Prof. Serv.

**Advanced Data Technologies, Inc.**

122 Naubuc Avenue  
Glastonbury, CT 06033  
203-659-2631  
Keith N. Flotte, President  
Private  
Total Sales FYE 12/85: \$1.0m

**Advanced Digital Data, Inc.**

254 Route 206  
Flanders, NJ 07836  
201-584-4026  
Bruce Bott, President  
Private  
Total Sales FYE 07/84: \$2.5m  
Services: Processing, Turnkey

# CAMS 1987

## Directory of Computer Services Companies

ADV-ADV

**Advanced Healthcare Systems, Inc.**

4330 East West Highway, Suite 914  
Bethesda, MD 20814  
301-656-9411

William Pomerance, President

Private

Total Sales FYE 11/86: \$0.5m Est.

Services: Software

INPUT profile available

**Advanced Ideas, Inc.**

2902 San Pablo Avenue  
Berkley, CA 94702  
415-526-9100

Gary Schwartz, President

Private

Total Sales FYE 10/86: \$0.4m

Services: Software

INPUT profile available

**Advanced Institutional Management Software, Inc.**

485 Underhill Blvd.  
Syosset, NY 11791-3413  
516-496-7700

Morris Moliver, CEO

Public

Services: Software

**Advanced Management Technologies**

P.O. Box 1597  
Houston, TX 77001  
713-373-1905

W.G. Welter, President

Private

**Advanced Medical Systems**

55 Maple Avenue  
Rockville Center, NY 11570  
516-764-5953

Gerold Ehrlich, President

Private

Total Sales FYE 06/84: \$5.0m

**Advanced Microsolutions**

1100 Alma Street, Suite 207  
Menlo Park, CA 94025  
415-325-7694

Private

Services: Software

**Advanced Operational Systems**

Named changed to: Howard W. Sams Software

**Advanced System Applications, Inc.**

One ASA Plaza  
P.O. Box 385  
Bloomington, IL 60108  
312-893-9055

J. Allen Huff, Chairman

Private

Total Sales FYE 12/86: \$46.1m

Services: Processing, Software

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**Advanced Systems Development**

1701 N. Fort Meyer Drive  
Arlington, VA 22209  
703-276-7484

Private

**Advanced Systems for Cellular**

4521 Campus Drive, Suite 128  
Irvine, CA 92715  
714-854-3224

Karen Huber, President

Private

Total Sales FYE 12/86: \$0.2m Est.

Services: Software

INPUT profile available

**Advanced Systems, Inc.**

155 East Algonquin Road  
Arlington Heights, IL 60005  
312-981-1500

William R. Roach, President

Public

Total Sales FYE 10/86: \$63.2m

Services: Prof. Serv.

**Advanced Technology, Inc.**

Cascades Center  
12005 Sunrise Valley Drive  
Reston, VA 22091  
703-620-8000

Robert E. LaRose, President

Public

Total Sales FYE 06/86: \$138.9m

Services: Prof. Serv.

**Advanced Technology International, Inc.**

350 Fifth Avenue, 19th Floor  
New York, NY 10118  
212-947-4755

Mr. Moshe Canaani, CEO

Private

Services: Software

**Advanced Technology Systems, Inc. (ADTEC)**

See: Maryland Casualty Co.

# CAMS 1987

## Directory of Computer Services Companies

**Advanced Vision Research, Inc.**

1943 Hartog Drive  
San Jose, CA 95131  
408-436-5566  
Private  
Services: Turnkey

**Advantage Systems, Inc.**

14483 62nd Street, North  
Clearwater, FL 33520  
813-536-4754  
Private

**Advantage Systems, Inc.**

950 Winter Street, Suite 2100  
Waltham, MA 02154  
617-890-2400  
Joseph H. Bayne, Jr., President  
Private  
Employees: 50  
Services: Turnkey

**Advent On-line Knowledge, Inc.**

1305 Wiley Road, Suite 133  
Schaumburg, IL 60195  
312-882-3388  
Vira Van, President  
Private  
Services: Processing, Software

**Advent Software, Inc.**

510 Third Street, 4th Floor  
San Francisco, CA 94107  
415-543-7696  
Stephanie de Marco, President  
Private  
Total Sales FYE 12/86: \$0.3m Est.  
Services: Software

**Adventure International**

P.O. Box 3435  
Longwood, FL 32750  
305-862-6917  
Scott Adams, President  
Private  
Total Sales FYE 10/84: \$1.1m  
Services: Software

**Advertising Data Systems, Inc.**

2500 Mount Moriah Rd, Suite C555  
Memphis, TN 38115  
901-795-8200  
James Whipple, President  
Private  
Total Sales FYE 12/85: \$2.0m  
Services: Software

**Advertising Distributors Of America**

720 Stewart Avenue  
Garden City, NY 11530  
516-231-5700  
Roy Harris, President  
Private

**Adwest Corporation**

123 North Wacker Drive  
Chicago, IL 60606  
312-782-1836  
Charles Parter, President  
Private  
Total Sales FYE 09/85: \$0.6m  
Services: Prof. Serv.

**Affiliated Concepts, Inc.**

228 West Carrillo Street, Suite A  
Santa Barbara, CA 93101  
805-962-8489  
Dominic Camardella, President  
Private  
Total Sales FYE 08/84: \$1.2m  
Services: Software, Prof. Serv., Turnkey

**AGAPE Enterprises**

2818 Palmer Highway  
Texas City, TX 77590  
409-948-3461  
James M. Orr, Partner  
Private

**Agate Systems, Inc.**

290 High Street  
Holyoke, MA 01040  
413-532-6225  
James R. Gillis, President  
Private  
Employees: 5  
Services: Software, Turnkey

**Agabian Associates****SUBSIDIARIES/DIVISIONS:****University Software Systems**

250 North Nash Street  
El Segundo, CA 90245  
213-772-0681  
Robert Ewing, President

**AG Computer Service**

4037 11th South  
Amarillo, TX 79109  
806-353-9967  
Ray Sammons, President  
Private  
Employees: 10  
Services: Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**AgData**

891 Hazel Street  
Gridley, CA 95948  
916-846-6203

**Private**

Services: Software

**Ag - Data Inc.**

P.O. Box 672  
Walla Walla, WA 99362  
509-525-2580

W.F. Corkrum, President

**Private****AGENA Corporation**

9709 3rd Avenue Northeast  
Seattle, WA 98115  
206-525-0005

Lee Mangis, President

**Private**

Total Sales FYE 12/84: \$25.0m

Services: Processing, Turnkey

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**Ag/Pac**

427 Grand Canyon  
Madison, WI 52719  
800-872-4722

**Private**

Services: Software

**AGPRO Computer Technology**

12400 Olive Blvd., Suite 350  
St. Louis, MO 63141  
314-533-2288

William Larsenbacher, President

**Private**

Employees: 13

Services: Software

**AgriData Systems, Inc.**

8989 Westheimer, Suite 100  
Houston, TX 77063  
713-784-7559

Pamela DeZevallos, President

**Private****Agro Systems Corporation**

P.O. Box 64539  
Lubbock, TX 79464  
806-745-1633

E. Allen Lash, President

**Private****AGS Computers, Inc.**

1139 Spruce Drive  
Mountainside, NJ 07092  
201-654-4321

Joseph Abrams, President

**Public**

Total Sales FYE 12/86: \$381.5m

Services: Software, Prof. Serv.

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**SUBSIDIARIES/DIVISIONS:****Genasys Corporation**

11820 Parklawn Drive  
Rockville, MD 20852  
301-770-4600

John P. Puhala, President

Total Sales FYE 12/84: \$8.5m

Services: Prof. Serv.

**Systems Strategies, Inc.**

225 West 34th St.  
New York, NY 10001  
212-279-8400

Stanley Adelman, CEO

Services: Software, Prof. Serv.

**Vista Concepts, Inc.**

11 Broadway  
New York, NY 10004  
212-943-9070

Ellis Senmark, President

Total Sales FYE 03/86: \$18.0m Est.

Services: Software, Prof. Serv.

**AGS Management Systems, Inc.**

880 First Avenue  
King of Prussia, PA 19406  
215-265-1550

Joseph S. Herbets, CEO

Employees: 130

Services: Software, Prof. Serv.

**DISC, Inc.**

1314 Bedford Avenue  
Baltimore, MD 21208  
301-486-0410

Albert M. Harris, CEO

Services: Software

**Erdman, Anthony and Associates, Inc.**

259 Monroe Ave.  
Rochester, NY 14607  
716-325-1866

Paul Erdman, CEO

Services: Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**AGS Systems Development**

1139 Spruce Drive  
Mountainside, NJ 07092  
201-654-4321

Anthony F. Stepanski, CEO  
Services: Prof. Serv.

**Software Design Associates, Inc.**

71 Fifth Ave.  
New York, NY 10003  
212-741-5200

Seth Hanover, CEO  
Services: Prof. Serv.

**AGS Management Systems, Inc.**

See: AGS Computers, Inc.

**AGS Systems Development**

See: AGS Computers, Inc.

**Aha, Inc.**

P.O. Box 8405  
Santa Cruz, CA 95061  
408-458-9119

Ron Swenson, President  
Private

Total Sales FYE 12/86: \$0.3m Est.  
Services: Software, Prof. Serv.

**A & H Income Tax Centers, Inc.**

820 Hempstead Turnpike  
Franklin Square, NY 11010  
516-352-1333

Andrew Beelo, President  
Private

**Aid Data Systems, Inc.**

P.O. Box 750  
Millersville, MD 21108  
301-987-6822

Charles H. Wheatley, President  
Private

Employees: 22  
Services: Processing, Software, Prof. Serv., Turnkey

**AIMS/ACPI**

485 Underhill Boulevard  
Syosset, NY 11791-3413  
516-496-7700

Morris Moliver, President  
Public

Total Sales FYE 03/86: \$6.0m Est.  
Services: Processing, Software, Prof. Serv., Turnkey

**Aims Plus, Inc.**

1001 S. Sherman  
Richardson, TX 75081  
214-669-8904

Dana K. McIntosh, President  
Private

Total Sales FYE 01/86: \$0.8m  
Services: Software, Prof. Serv.

**Aion Corporation**

101 University Avenue  
Palo Alto, CA 94301  
415-328-9595

Harry Reinstein, President  
Private

Employees: 30  
Services: Software

**Airus, Inc.**

10200 SW Numbus Ave., Suite G-5  
Portland, OR 97223  
503-620-7000

Barry S. Obrand, President  
Private

Total Sales FYE 11/86: \$0.8m Est.  
Services: Software  
INPUT profile available

**AIS Corp.**

225 Jackson St.  
Bridgewater, NJ 08807  
201-526-8100

Steven Sullivan, President  
Private

Total Sales FYE 11/84: \$3.0m  
Services: Turnkey

**A.J. & M. Associates**

5180 Meridian Avenue  
San Jose, CA 95118  
408-723-3701

Private  
Services: Prof. Serv.

**Albert Ramond and Associates**

5005 Newport Drive  
Rolling Meadows, IL 60008  
312-577-6868

J. Joseph McGuan, President  
Private

Total Sales FYE 10/86: \$1.0m Est.  
Services: Software, Prof. Serv.  
INPUT profile available



# CAMS 1987

## Directory of Computer Services Companies

ALC-ALP

**Alcar Software**

5215 Old Orchard Road  
Skokie, IL 60076  
312-967-4200

**Alfred Rappaport, President**

Private

Employees: 40

Services: Software

**ALDON Computer Group**

405 14th Street  
Oakland, CA 94612  
415-839-3535

**Albert L. Magid, President**

Private

Total Sales FYE 03/86: \$0.5m Est.

Services: Prof. Serv.

**Aldus Corporation**

411 First Avenue South, Suite 200  
Seattle, WA 98104  
206-622-5500

**Paul Brainerd, President**

Public

Total Sales FYE 03/87: \$18.4m

Services: Software

**Alexander & Alexander, Inc.**

1211 Avenue of the Americas  
New York, NY 10036  
212-840-8500

**Linsley H. Irwin, CEO**

Public

Total Sales FYE 12/86: \$1068.2m

Services: Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****Anistics**

640 5th Avenue  
New York, NY 10019  
212-541-6050

**Luther T. Griffith, President**

Employees: 140

**Benefacts, Inc.**

300 East Joppa Road  
Baltimore, MD 21204  
301-296-5500

**Robert R. Baker, Jr., Managing VP**

Employees: 110

Services: Processing, Software, Prof. Serv.

**Alfred Publishing Co., Inc.**

15335 Morrison Street  
P.O. Box 5964  
Sherman Oaks, CA 91403  
213-881-6290

Private

**Al Lee & Associates, Inc.**

2324 Seedling Lane  
Dallas, TX 75252  
214-307-8505

**Alan F. Lee, President**

Public

Total Sales FYE 01/86: \$1.2m Est.

Services: Software

**Allied Data**

P.O. Box 2406  
Olympia, WA 98507  
206-456-3535

**Robert L. Lovely, Gen. Mgr.**

Private

Total Sales FYE 06/84: \$2.8m

Services: Processing, Software, Prof. Serv.

**Allied Insurance Services, Inc.**

3000 Northwoods Parkway, Suite 280  
Norcross, GA 30071  
404-446-8408

**Robert E. Aurand, President**

Private

Services: Software, Turnkey

**Alpha Beta Data Services, Inc.**

1501 Wilshire Blvd  
Los Angeles, CA 90017  
213-271-1911

**Mildred Kramer, President**

Private

Total Sales FYE 12/85: \$1.7m

Services: Processing

**Alpha Data Systems Inc.**

4887 Alpha Road, Suite 205  
Dallas, TX 75244  
214-233-7062

**Charles Erickson, President**

Private

Total Sales FYE 06/86: \$2.0m Est.

Services: Processing

**Alpha Soft**

941 W. Carson, Suite 318  
Torrance, CA 90502  
213-212-7477

**Walter Brubaker, President**

Private

Employees: 6

Services: Software, Prof. Serv.

**Alpha Software**

30 B Street  
Burlington, MA 01803  
617-229-2924

**Richard Robins, President**

Private

Total Sales FYE 03/84: \$2.5m

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Alphatext, Inc.**

577 E. Larnad, Suite 230  
 Detroit, MI 48226  
 313-964-4260  
 J.W. Hunter, President  
 Public  
 Total Sales FYE 12/84: \$1.0m  
 Services: Processing

**Alpine Data Systems**

111 Southwest 5th Avenue, Suite 1950  
 Portland, OR 97204  
 503-243-1936  
 Steven Crouch, President  
 Private  
 Total Sales FYE 12/85: \$3.0m  
 Services: Software, Turnkey

**ALP Systems**

295 Chipeta Way  
 Salt Lake City, UT 84108  
 801-584-3000  
 A.T. Zirke, President  
 Public  
 Total Sales FYE 12/86: \$4.4m  
 Services: Software

**A.L. Roark and Associates, Inc.**

406 Rosemount Garden  
 Lexington, KY 40503  
 606-278-9581  
 A.L. Roark, President  
 Private  
 Employees: 30  
 Services: Prof. Serv.

**Alro Computer Software Services**

3100 E High Street  
 PO Box 927  
 Jackson, MI 49204  
 517-787-5500  
 Al Glick, President  
 Private  
 Total Sales FYE 12/85: \$0.1m Est.  
 Services: Software

**ALR Systems & Software, Inc.**

10334 Ellison Circle  
 Omaha, NE 68134  
 402-493-5502  
 Larry Andrew, President  
 Private  
 Total Sales FYE 09/85: \$2.2m Est.  
 Services: Turnkey

**ALSYS, Inc.**

1432 Main Street  
 Waltham, MA 02154  
 617-890-0030  
 Private

**ALTI Corporation****SUBSIDIARIES/DIVISIONS:****Southwest Software**

813 Great Southwest Parkway  
 Arlington, TX 76011  
 817-640-8911  
 James Patrick Williams, President  
 Private  
 Total Sales FYE 07/86: \$2.0m  
 Services: Software

**Alumni Computer Group, Inc.**

155 N. Michigan Avenue, Suite 722  
 Chicago, IL 60601  
 800-387-9785  
 Private  
 Services: Software

**Amalgamated Software of North America, Inc. (ASNA)**

P.O. Box 6610  
 Malibu, CA 90265-6610  
 213-457-1028  
 David Ferguson, CEO  
 Private  
 Employees: 25  
 Services: Software

**Amaray Packaging Corporation**

3627 Stern Avenue  
 St. Charles, IL 60174  
 312-377-3999  
 Private

**Amcom Data Processing**

464 McCormick Street  
 San Leandro, CA 94577  
 415-638-1212  
 Steve McClarey, President  
 Private  
 Total Sales FYE 06/84: \$0.9m  
 Services: Processing, Turnkey

**AM Computer Services Corp.**

Named changed to: International Technology Group, Inc.

# CAMS 1987

## Directory of Computer Services Companies

AM - AME

### AM Data Services

205 Whitney Avenue  
New Haven, CT 06511  
203-777-8381  
Donald Mulvey, President  
Private  
Employees: 40  
Services: Processing

### Amer-Cal, Inc.

115 E. University Drive  
Arlington Heights, IL 60004  
312-398-4700  
Thomas Cotteleur, President  
Private  
Total Sales FYE 12/84: \$4.0m Est.

### American Automated

3420 Narman Berry Drive, Suite 235  
Atlanta, GA 30354  
404-361-7777  
Drew F. Burton, President  
Private

### American Brands, Inc.

### SUBSIDIARIES/DIVISIONS:

#### American Franklin Company

Franklin Square  
Springfield, IL 62713  
217-528-2011  
James N. Cranwill, Manager  
Total Sales FYE 12/84: \$1.0m  
Services: Processing

### American Business Computer

26711 Northwestern Highway, Suite 414  
Southfield, MI 48034  
313-357-4030  
Jim Kogelschatz, President  
Private  
Services: Software

### American Business Systems, Inc. (ABS)

3 Littleton Road  
Westford, MA 01886  
617-692-2600  
Jim Hamilton, President  
Private  
Total Sales FYE 09/84: \$2.5m  
Services: Software

### American Chemical Society

### SUBSIDIARIES/DIVISIONS:

#### Chemical Abstracts Services (CAS)

P.O. Box 3012  
Columbus, OH 43210  
614-421-3663  
Dale Baker, Director

#### American Computer Professionals

P.O. Box 5125  
Columbia, SC 29250  
803-256-2343  
J.S. Rinehart, President  
Private  
Total Sales FYE 12/85: \$3.8m  
Services: Prof. Serv.

#### American Computer Technology, Inc.

1821 Summit Road  
Cincinnati, OH 45237  
513-948-8607  
Jerome F. McMahon, President  
Private  
Total Sales FYE 12/85: \$1.3m  
Services: Turnkey

#### American Datacom

16931 Milliken Avenue  
Irvine, CA 92714  
714-863-3000  
Private  
Employees: 100  
Services: Software

#### American Data Services, Inc.

See: Orbanco, Inc.

#### American Dynamic Systems & Services

4000 Mac Arthur Blvd., Suite 760  
Newport Beach, CA 92660  
714-472-9411  
Martin C. Glassman, President  
Private

#### American Educational Computer, Inc.

801 Northwest 63rd Street  
Oklahoma City, OK 73116  
405-840-6031  
Doug Frans, President  
Private  
Total Sales FYE 12/86: \$0.7m Est.  
Services: Software

#### American Express Company

American Express Tower  
World Financial Center  
New York, NY 10285-4805  
212-640-2000  
Louis V. Gerstner, Jr., President  
Public  
Total Sales FYE 12/86: \$14652.0m

# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:****First Data Resources, Inc.**

7301 Pacific Street  
Omaha, NE 68154  
402-399-7000  
Perry E. Esping, Chairman  
Total Sales FYE 12/85: \$260.0m  
Services: Processing

**American Franklin Company**

See: American Brands, Inc.

**American Hospital Supply Corp.**

One American Plaza  
Evanston, IL 60201  
312-473-1400  
Michael Heschel, President  
Private

**American Information Services, Inc.**

Halsted at 17th Street  
Chicago Heights, IL 60411  
312-755-3770

Roger A. Sampson, President  
Private

Total Sales FYE 12/85: \$3.0m  
Services: Processing

**American Information Systems**

15 Walnut Street  
P.O. Box 367  
Wellesboro, PA 16901  
717-724-1588

Clint Kreitner, President  
Private

Total Sales FYE 06/84: \$0.2m Est.  
Services: Software

**American Key punch & Systems**

675 Massachusetts Avenue  
Cambridge, MA 02139  
617-492-0600

Leonard Phillips, President  
Private

Total Sales FYE 12/84: \$1.8m  
Services: Prof. Serv.

**American Management Systems, Inc.**

1777 North Kent Street  
Arlington, VA 22209  
703-841-6000

Charles O. Rossotti, President  
Public

Total Sales FYE 12/86: \$135.5m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**American Medical International, Inc.**

414 North Camden Drive  
Beverly Hills, CA 90210  
213-278-6200

Walter L. Weisman, President  
Public

Total Sales FYE 08/86: \$3468.2m

**SUBSIDIARIES/DIVISIONS:****Professional Hospital Services**

12960 Coral Tree Place  
Los Angeles, CA 90066  
213-821-2323

Revell B. Lamprecht, President

Employees: 300

Services: Processing

**American Micro Dynamics, Inc.**

3848 Campus Drive, Suite 216  
Newport Beach, CA 92660  
714-852-1551

Martin C. Glasoman, CEO  
Private

**American Micro Systems Corporation**

332 S. Michigan Avenue, Suite 1836  
Chicago, IL 60604  
312-663-1254

Barry R. Sloane, President  
Private

Total Sales FYE 12/85: \$1.0m

Services: Software, Prof. Serv., Turnkey

**American Physicians Service Group, Inc.**

1301 Capital of Jeyes Highway, S., B220  
Austin, TX 78746

512-328-0888

Public

Total Sales FYE 12/86: \$25.0m Est.

Services: Processing, Software, Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****Databill, Inc.**

21201 Oxnard  
Woodland Hills, CA 91367  
818-716-9600

Enoch Brown, President

Total Sales FYE 12/85: \$7.0m Est.

Services: Software

**American Service Associates**

1965 New Hope Street  
Narriestown, PA 19401  
215-275-3724

M.A.R. Van Brakel, President  
Private

# CAMS 1987

## Directory of Computer Services Companies

AME-AMP

### American Small Business Computers, Inc.

118 S. Mill Street  
Pryor, OK 74361  
918-825-4844

Private  
Services: Software

### American Software, Inc.

443 East Paces Ferry Road, N.E.  
Atlanta, GA 30305  
404-261-4381

James C. Edenfield, President  
Public  
Total Sales FYE 04/87: \$46.7m  
Services: Software, Prof. Serv.  
INPUT profile available

### American Training International, Inc.

12638 Beatrice St.  
Los Angeles, CA 90066  
213-823-1129

James Hill, President  
Private  
Total Sales FYE 03/85: \$3.2m  
Services: Software

### American Trucking Association

#### SUBSIDIARIES/DIVISIONS:

#### ATA Services, Inc.

2200 Mill Road  
Alexandria, VA 22314  
703-838-1900

Ron Knott, Senior Vice President  
Total Sales FYE 06/86: \$2.5m Est.  
Services: Processing, Software, Turnkey  
INPUT profile available

### American Viking Enterprises Inc.

P.O. Box 3187  
Redmond, WA 98073  
206-771-4794

Grant Giske, President  
Private  
Total Sales FYE 12/84: \$0.5m  
Services: Software

### Ameritech

30 South Wacker Drive  
Chicago, IL 60606  
312-750-5000

Public  
Total Sales FYE 12/86: \$9362.1m

#### SUBSIDIARIES/DIVISIONS:

#### Applied Data Research, Inc.

Route 206 & Orchard Rd. CN-8  
Princeton, NJ 08540  
201-874-9000

Dennis Strigi, President  
Total Sales FYE 12/86: \$132.4m  
Services: Software, Prof. Serv.  
INPUT profile available

### Amherst Associates Inc.

Merged with: HBO & Company

### AMI

3633 136th PL., SE  
Bellevue, WA 98006  
206-643-2050

Private  
Total Sales FYE 12/84: \$10.5m  
Services: Software, Turnkey

### AM International, Inc.

333 West Wacker Drive, Suite 900  
Chicago, IL 60606-1265  
312-558-1966

Jerry O. Williams, President  
Public  
Total Sales FYE 07/86: \$621.1m

#### SUBSIDIARIES/DIVISIONS:

#### Bruning CAD

1800 Bruning Dr., West  
Itasca, IL 60143  
312-351-2900

Thomas D. Rooney, President  
Total Sales FYE 07/86: \$30.0m Est.  
Services: Turnkey

### AMI Systems, Inc.

250 West 57th St.  
New York, NY 10005  
212-581-8300

Irving Wachs, President  
Private

### Amersand Corporation

128 S. George Street  
York, PA 17405  
717-845-5603

Dale R. Smith, President  
Private  
Total Sales FYE 12/85: \$1.4m  
Services: Software, Turnkey

### AMTEC Information Services

Acquired by: Zimmerman Holdings, Inc.

# CAMS 1987

## Directory of Computer Services Companies

**Anacomp, Inc.**

11550 North Meridian Street  
P.O. Box 40888  
Indianapolis, IN 46240  
317-844-9666  
Louis P. Ferrero, President  
Public  
Total Sales FYE 09/86: \$108.9m  
Services: Processing, Software, Prof. Serv., Turnkey  
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**SUBSIDIARIES/DIVISIONS:****ERCO**

1600 S. Brown St.  
Dayton, OH 45409  
513-228-8051  
Jack Sowder, President

**Analog Precision, Inc.**

1620 N. Park Avenue  
Tucson, AZ 85719  
602-622-1344  
H. Keith Henson, President  
Private  
Employees: 8  
Services: Software, Turnkey

**Analysis & Computer Systems, Inc.**

54 Middlesex Turnpike  
Bedford, MA 01730  
617-275-5800  
John Fusco, President  
Private  
Total Sales FYE 04/84: \$6.0m  
Services: Prof. Serv.

**Analysis & Programming Corp.**

180 W. Putman Ave.  
Greenwich, CT 06830  
203-661-4146  
Walter Nelson, President  
Private  
Total Sales FYE 07/84: \$22.1m  
Services: Processing, Prof. Serv.

**Analysis & Technology, Inc.**

P.O. Box 220  
North Stoughton, CT 06359  
203-599-3910  
A. T. Mollegem Jr., President  
Private

**Analysts International Corporation**

7615 Metro Blvd.  
Minneapolis, MN 55435  
612-835-2330  
Frederick W. Lang, President  
Public  
Total Sales FYE 06/86: \$46.7m  
Services: Software, Prof. Serv.  
INPUT profile available

**Analytical Processes Corporation**

635 Main  
Montrose, CO 81401  
303-249-1400  
Jack Dooley, Marketing Manager  
Private  
Employees: 10  
Services: Processing, Software, Prof. Serv., Turnkey

**Analytical Technologies Inc.**

30300 Telegraph Road, Suite 184  
Birmingham, MI 48010  
313-840-4440  
Private  
Employees: 150  
Services: Prof. Serv.

**Analytics, Inc.**

2500 Marilyn Rd.  
Willow Grove, PA 19090  
215-657-4100  
Steven W. Leibholz, President  
Private  
Total Sales FYE 12/84: \$18.0m  
Services: Software, Prof. Serv.

**Anderson-Bell Co.**

452 Main Street, Suite 10  
P.O. Box 191  
Canon City, CO 81212  
303-275-1661  
Ed Anderson, President  
Private  
Total Sales FYE 12/84: \$0.5m  
Services: Software

**Andover Data Services, Inc.**

See: Players Computer, Inc.

**Andrews, Duerr & Mantighian**

416 Highland Ave.  
Cheshire, CT 06410  
203-271-1300  
David H. Andrews, President  
Private  
Total Sales FYE 06/85: \$0.4m  
Services: Software, Prof. Serv.

**Andrew Sipos Associates**

355 South End Avenue, Suite 26B  
New York, NY 10280  
212-321-2408  
Andrew Sipos, Partner  
Private  
Employees: 12  
Services: Software

**Anistics**

See: Alexander & Alexander, Inc.

# CAMS 1987

## Directory of Computer Services Companies

**Ann Arbor Software**

407 N. Main Street  
Ann Arbor, MI 48104  
313-769-9088

Private

**Ansa Software**

1301 Shoreway Road, Suite 221  
Belmont, CA 94002  
415-595-4469

Private

Services: Software

**Anstat, Inc.**

230 Park Avenue, Suite 1236  
New York, NY 10169  
212-557-1322

Leon Weisburgh, President

Private

Total Sales FYE 09/84: \$3.0m

Services: Software, Turnkey

**Anthusion, Inc.**

589 Grand Blvd.  
Venice, CA 90291  
213-392-1343

Will McWhinney, President

Private

**Antrim Corporation**

101 East Park Boulevard, #855  
Plano, TX 75074  
214-422-1022

Richard R. Brink, President

Private

Total Sales FYE 12/85: \$1.5m Est.

**A.O. Smith Corporation**

11270 West Park Place  
Milwaukee, WI 53224-3690  
414-359-4000

Robert J. O'Toole, President

Public

**A.O. Smith Data Systems, Inc.**

Acquired by: Deluxe Check Printers, Inc.

**Apex Data Systems**

6464 E. Grant Rd.  
Tucson, AZ 85715  
602-298-1991

Dwight Babcock, President

Private

Total Sales FYE 03/85: \$1.0m

Services: Software, Turnkey

**APL Data Systems**

710 W. Main Street  
Arlington, TX 76013  
817-265-2132

Harley Courtney, President

Private

**APL Group, Inc. (The)**

50 Danforth Drive  
New Canaan, CT 06840  
203-972-0443

Daniel Codman, Principal

Private

Total Sales FYE 12/85: \$3.2m Est.

Services: Software, Prof. Serv.

INPUT profile available

**Apollo Computer Systems, Inc.**

616 14th Street  
Arcata, CA 95521  
707-822-0318

Doug Minkema, President

Private

Employees: 9

Services: Software

**APPINTEC Corporation**

1000 Broadway, Suite 292  
Oakland, CA 94607  
415-891-9444

Robin Retallick, President

Private

Total Sales FYE 06/86: \$2.0m Est.

Services: Software, Prof. Serv.

**Apple Computer**

20525 Mariani Ave.  
Cupertino, CA 95014  
408-996-1010

John Sculley, President

Public

Total Sales FYE 09/86: \$1901.9m

Services: Software, Turnkey

**Application Design & Systems, Inc.**

5610 South Soto, Suite 202  
Huntington Park, CA 90255  
213-587-7343

Fred Fishel, President

Private

Total Sales FYE 12/86: \$3.6m

Services: Prof. Serv.

**Application Development Services**

25371 Hugo Road  
Laguna Miguel, CA 92677-1522  
714-495-6321

Margaret Haret

Private

Employees: 7

Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Application Development Systems, Inc.**

P.O. Box 29488  
 Minneapolis, MN 55429  
 612-560-8634  
 Ed Harris, President  
 Private  
 Employees: 50  
 Services: Software

**Application Research**

333 East State Street Suite 103  
 Rockford, IL 61104  
 815-962-8836  
 John Jencks, President  
 Private  
 Total Sales FYE 03/86: \$1.1m  
 Services: Turnkey

**Applications Data Enterprises**

1309 East Carson St.  
 Carson, CA 90746  
 213-775-4116  
 Norman Bohana, President  
 Private

**Applications Programming Co.**

11 West 2nd  
 Moorestown, NJ 08057  
 609-234-0099  
 Charles Bouman, President  
 Private

**Applications Software, Inc.**

5455 Garden Grove Blvd., Suite 500  
 Westminster, CA 92683  
 714-891-2616  
 Donald H. Sundeen, President  
 Private  
 Total Sales FYE 06/85: \$1.5m Est.  
 Services: Software

**Applications Systems Corp.**

403 Washington Street  
 Boston, MA 02108  
 617-426-2918  
 Dick Smith, President  
 Private  
 Services: Software

**Application Systems International**

1006 Burning Tree  
 Houston, TX 77339  
 713-530-4070  
 Ed Martin, President  
 Private

**Applicon**

See: Schlumberger Limited

**Applied Business Systems**

1817 Springfield  
 Spokane, WA 99202  
 509-624-3203  
 John Bowers, President  
 Private  
 Total Sales FYE 01/84: \$0.3m  
 Services: Processing

**Applied Business Systems**

3303 Harbor Boulevard, Suite B-6  
 Costa Mesa, CA 92626  
 John W. Rhinesmith, President  
 Private

**Applied Business Systems, Inc.**

721 South Emperia  
 Wichita, KS 67211  
 Randall Johnson, President  
 Private

**Applied Business Technologies, Inc.**

500A South Roberts Road  
 Bryn Mawr, PA 19010  
 215-527-8900  
 David K. Moldoff, President  
 Private  
 Total Sales FYE 12/85: \$1.5m  
 Services: Software, Prof. Serv., Turnkey  
 INPUT profile available

**Applied Color Systems, Inc.**

P.O. Box 5800  
 Princeton, NJ 08540  
 609-924-2189  
 Donald Hall, President  
 Private  
 Total Sales FYE 12/84: \$10.2m  
 Services: Turnkey

**Applied Communications, Inc.**

See: U S West, Inc.

**Applied Computer Services**

16600 Sherman Way  
 Van Nuys, CA 91406  
 818-988-2220  
 Private  
 Employees: 38

**Applied Computer Services, Inc.**

7350 W. College Drive  
 Palos Heights, IL 60463  
 312-448-0837  
 Peter Wlsak, Director  
 Private  
 Total Sales FYE 12/84: \$1.4m  
 Services: Processing



# CAMS 1987

## Directory of Computer Services Companies

APP-APP

**Applied Computing Devices (ACD)**

1318 Ohio St.  
Terre Haute, IN 47807  
812-232-6057

William D. Shindell, President  
Private  
Total Sales FYE 04/84: \$9.0m  
Services: Prof. Serv., Turnkey

**Applied Control Systems, Inc.**

Drawer 13477  
Research Triangle Park, NC 27709  
919-467-6069

Thomas J. Purdie, President  
Private  
Total Sales FYE 08/85: \$1.0m Est.  
Services: Software

**Applied Data Communications**

14272 Chambers Road  
Tustin, CA 92680  
714-731-9000  
Private

**Applied Data, Inc. (ADI)**

33 Bernhard Rd.  
North Haven, CT 06473  
203-787-4107

Robert McNiff, President  
Public  
Total Sales FYE 12/86: \$3.7m  
Services: Processing

**Applied Data Research, Inc.**

See: Ameritech

**Applied Data Services**

1550 Flower Street  
Glendale, CA 91201  
818-956-1646

Dare Coriaty, President  
Private

**Applied Data Systems, Inc.**

8233 Via Paseo Del Norte, Bldg. C  
Scottsdale, AZ 85258  
602-998-3480

Hans Hager, President  
Private  
Total Sales FYE 06/84: \$2.8m  
Services: Turnkey

**Applied Decision Systems**

33 Hayden Ave.  
Lexington, MA 02173  
617-861-7580

Carl Sloane, President  
Private  
Total Sales FYE 03/85: \$5.0m  
Services: Software, Prof. Serv.

**Applied Design Company, Inc.**

2465 Sheridan Drive  
Tonawanda, NY 14150  
716-837-4400

Private

**Applied Development Corporation**

Acquired by: Cullinet Software, Inc.

**Applied Digital Communications**

204 Flynn Avenue  
Morristown, NJ 08057  
609-234-3666

Joseph F. deSpaute, President  
Private  
Total Sales FYE 12/85: \$1.2m  
Services: Turnkey

**Applied Digital Data Systems (ADDS)**

100 Marcus Boulevard  
Hauppauge, NY 11788  
516-231-5400

David G. Laws, President  
Public

**Applied Dynamics, Inc.**

3035 Directors Row, Suite 1310  
Memphis, TN 38131  
901-345-3211

E.G. Lawrence, President  
Private

**Applied Expert Systems, Inc. (APEX)**

5 Cambridge Center  
Cambridge, MA 02142  
617-492-7322

Dr. Fred L. Luconi, President  
Private

**Applied Information Development, Inc.**

823 Commerce Drive  
Oak Brook, IL 60521  
312-654-3030

Steve Holland, President  
Private  
Total Sales FYE 12/86: \$23.0m Est.  
Services: Software, Prof. Serv.  
INPUT profile available

**Applied Information Dynamics, Inc.**

111 Mandala Court  
Walnut Creek, CA 94596  
415-934-2504

Private

# CAMS 1987

## Directory of Computer Services Companies

**Applied Information Systems, Inc.**

500 Eastowne Dr., Suite 207  
Chapel Hill, NC 27514  
919-942-7801

Arthur W. Coston, President  
Private  
Total Sales FYE 12/85: \$0.4m  
Services: Software

**Applied Intelligence Inc.**

1043 Stierlin Road  
Mountain View, CA 94043  
415-967-3512

Gilbert B. Shepherd, President  
Private  
Employees: 8  
Services: Software

**Applied Management Sciences**

962 Wayne Ave.  
Silver Springs, MD 20910  
301-585-8181

Todd Tucker, President  
Private  
Total Sales FYE 09/84: \$1.0m  
Services: Prof. Serv.

**Applied Management Systems, Inc.**

5821 Park Road, Suite 204  
Charlotte, NC 28209  
704-554-8720

Jerry Johnson, President  
Private  
Total Sales FYE 02/86: \$5.0m  
Services: Software, Prof. Serv.

**Applied Microcomputer Systems**

Page Hill Road  
Chocoma, NH 03817  
603-323-8666

Peter Smart, President  
Private

**Applied Realtime Systems, Inc.**

P.O. Box 8769  
Mandeville, LA 70448  
504-626-1111

John W. Thompson, President  
Private  
Total Sales FYE 05/85: \$0.6m  
Services: Software, Prof. Serv., Turnkey

**Applied Research, Inc.**

6151 West Century Boulevard  
Los Angeles, CA 90045  
213-670-0811

Harold D. Bradley, President  
Private  
Employees: 123

**Applied Software Inc.**

840 U.S. Hwy. 1, Suite 250  
North Palm Beach, FL 33408  
305-626-4818

Walter Josephson, President  
Private  
Total Sales FYE 12/85: \$0.8m Est.  
Services: Software

**Applitek**

107 Audubon Road  
Wakefield, MA 01880  
617-246-4500

Ash Dahod, President  
Private  
Employees: 100

**Appliy, Inc.**

112 Turnpike Road  
Westboro, MA 01581  
617-870-0300

Private  
Services: Software

**Aquidneck Data Corp.**

170 Enterprise Center  
Middletown, RI 02840  
401-847-7260

Kenneth A. Parker, President  
Private  
Total Sales FYE 05/85: \$11.9m  
Services: Processing, Software

**ARC/AMS**

One Heritage Dr.  
North Quincy, MA 02171  
617-472-5150

Walter W. Williams, President  
Private  
Total Sales FYE 12/85: \$40.0m Est.  
Services: Processing, Turnkey  
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**Argonaut Information Systems, Inc.**

383 Grand Ave.  
Oakland, CA 94610  
415-444-5954

William Hickson, President  
Private  
Employees: 75  
Services: Software, Prof. Serv.

**Arkansas Best Corporation**

1000 South 21st Street  
Fort Smith, AR 72901  
501-785-6000

Robert A. Young III, President  
Public  
Total Sales FYE 12/86: \$689.8m

# CAMS 1987

## Directory of Computer Services Companies

## SUBSIDIARIES/DIVISIONS:

**Data-Tronics Corporation**

310 Towson Ave.  
Fort Smith, AR 72901  
501-785-8600

Jerry A. Yarbrough, President  
Services: Software

**Arkansas Systems**

8901 Kanis Rd.  
Little Rock, AR 72205  
501-227-8471

Dr. James K. Hendren, President  
Private

Total Sales FYE 12/85: \$3.0m  
Services: Software, Prof. Serv.  
INPUT profile available

**Ark Data Systems, Inc.**

1017 N. 3rd Street, Suite 8  
Phoenix, AZ 85004  
602-252-0515

Allen R. Kisting, President

Private

Employees: 7

Services: Software, Turnkey

**Arktronics Corporation**

P.O. Box 4190  
Ann Arbor, MI 48106  
313-769-7253

Private

Employees: 45

**Arlington Software and Systems Corporation**

400 Massachusetts Avenue  
Arlington, MA 02174  
617-641-0290

Peter Brajer, President

Private

Services: Software

**AR Mediquest**

6105 West St. Joseph  
Lansing, MI 48917  
517-323-0900

Jean Johnstone, President

Private

Total Sales FYE 12/84: \$1.6m  
Services: Software

**Armor Systems, Inc.**

324 N. Orlando Ave.  
Maitland, FL 32751  
305-629-0753

Richard Bourgeois, President

Private

Total Sales FYE 12/85: \$10.0m

Services: Software

INPUT profile available

**ARMS, Inc.**

See: NSA, Inc.

**Arrays, Inc.****Arrix Logic Systems, Inc. (ALS)**

36 King Henry's Blvd.  
Agincourt, Ontario, M1T2V4  
416-292-6425

Private

**Arthur Andersen & Company**

33 W. Monroe Street  
Chicago, IL 60603  
312-580-0033

Duane R. Kullberg, CEO

Private

## SUBSIDIARIES/DIVISIONS:

**Arthur Andersen Management Information Consulting**

69 W. Washington St.  
Chicago, IL 60602  
312-580-0033

Duane R. Kullberg, CEO

Total Sales FYE 08/86: \$635.9m

Services: Software, Prof. Serv.

**Arthur Andersen Management Information Consulting**

See: Arthur Andersen & Company

**Arthur D. Little, Inc.**

Acorn Park  
Cambridge, MA 02140  
617-864-5770

John F. Magee, President

Public

Total Sales FYE 12/86: \$247.0m

Services: Prof. Serv.

**Arthur Young & Company**

277 Park Avenue  
New York, NY 10017  
212-922-3132

Private

Total Sales FYE 06/84: \$568.0m

Services: Software, Prof. Serv.

**Artificial Intelligence Corporation**

100 Fifth Ave.  
Waltham, MA 02254  
617-890-8400

Robert Goldman, President

Private

Total Sales FYE 03/85: \$4.0m

Services: Software, Prof. Serv.

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# CAMS 1987

## Directory of Computer Services Companies

**Arvin Industries, Inc.**

1531 Thirteenth St.  
Columbus, IN 47201  
812-379-3000

James K. Baker, President  
Public

**SUBSIDIARIES/DIVISIONS:****Calspan Corp.**

4455 Genesee St.  
Buffalo, NY 14225  
716-632-7500

Dr. H. Robert Leland, President  
Services: Processing, Prof. Serv.

**ASA International, Inc.**

10 Manor Parkway  
Salem, NH 03079  
603-898-7000

Christopher Crane, President  
Private

Total Sales FYE 09/84: \$11.0m  
Services: Processing, Prof. Serv., Turnkey

**A.S.A.P. Computers**

13620 Memorial Drive  
Houston, TX 77079  
713-468-1308

James M. Orr, Director of Marketing  
Private  
Services: Prof. Serv., Turnkey

**ASAP Systems, Inc.**

2425 Porter Street  
Soquel, CA 95073  
408-476-3935

Private

**ASCC, Inc.**

25954 Eden Landing Road, Suite 102  
Hayward, CA 94545  
415-786-1889

Amy Cho, President  
Private

**ASCI Computer Systems**

110 A. Exchange Street  
Portland, ME 04101  
207-772-8620

Richard Kelley, President  
Private

Total Sales FYE 10/86: \$1.5m  
Services: Software, Turnkey

**ASE Services Inc.**

325 Hopping Brook Road  
P.O. Box 656  
Holliston, MA 01746  
617-429-7200

Private  
Employees: 66  
Services: Prof. Serv.

**Ashland Automation Services, Inc.**

P.O. Box 14000  
Lexington, KY 40512  
606-268-7300

Rex S. Wolf, President  
Private  
Total Sales FYE 09/84: \$30.0m  
Services: Processing, Turnkey

**Ashton Interactive Training Corporation**

P.O. Box 5619  
Vestal, NY 13851  
607-748-4015

Thomas Ashton, President  
Private  
Total Sales FYE 03/85: \$1.0m  
Services: Software, Turnkey

**Ashton-Tate**

20101 Hamilton Avenue  
Torrance, CA 90502-1319  
213-329-8000

Edward M. Eaber, Jr., President  
Public  
Total Sales FYE 01/86: \$121.6m  
Services: Software  
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**SUBSIDIARIES/DIVISIONS:****Decision Resources, Inc.**

25 Sylvan Road South  
Westport, CT 06880  
203-222-1974

Sean O'Conner, President  
Total Sales FYE 12/85: \$9.5m  
Services: Software  
INPUT profile available

**ASI Computer Systems, Inc.**

P.O. Box 1524  
Waterloo, IA 50704  
319-235-6565

Norm Cohn, President  
Private  
Total Sales FYE 06/86: \$5.0m  
Services: Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**ASIST**

22150 Greenfield Road  
 Detroit, MI 48237-2535  
 313-968-2121  
 Dennis McDermitt, President  
 Private  
 Employees: 20

**ASK Computer Systems, Inc.**

730 Distel Drive  
 Los Altos, CA 94022  
 415-969-4442  
 Ron Braniff, President  
 Public  
 Total Sales FYE 06/86: \$76.0m  
 Services: Processing, Software, Prof. Serv., Turnkey  
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**Aspen Systems Corporation**

See: Walters Samson Group HOLLAND

**Association of American Railroads****SUBSIDIARIES/DIVISIONS:****Railinc Corporation**

50 F Street, NW  
 Washington, DC 20036  
 202-639-5500  
 H.W. Medtz, President  
 Total Sales FYE 12/85: \$10.0m  
 Services: Processing, Software, Prof. Serv.

**Railinc Corporation**

1920 L Street N.W.  
 Washington, DC 20006  
 202-835-9400  
 Henry W. Meetze, President  
 Total Sales FYE 12/86: \$1.1m Est.

**Association Of Computer Retailers**

3701 McKinley Road, Suite 2  
 Chelsea, MI 48118  
 313-475-1378  
 Private

**Assoc. of Media-based Continuing Educ. for Engineers - AMCEE**

500 Tech Parkway  
 Atlanta, GA 30313  
 404-894-3362  
 Linda DeGrand, Executive Director  
 Private  
 Employees: 13  
 Services: Prof. Serv.

**ASTCO**

926 Amarillo  
 Palo Alto, CA 94303  
 415-856-0786  
 A. Stephen Tepper, Director  
 Private  
 Services: Software, Prof. Serv.

**Astradyne Computer Industries Inc.**

1122 Franklin Avenue  
 Garden City, NY 11530  
 516-742-9500  
 Seymour Eagel, President  
 Public  
 Total Sales FYE 12/85: \$9.3m

**ATAC**

1200 Villa Street  
 P.O. Box 370  
 Mountain View, CA 94042  
 415-965-8801  
 Al Bien, President  
 Private  
 Total Sales FYE 12/85: \$6.0m  
 Services: Software, Prof. Serv.  
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**ATA Services, Inc.**

See: American Trucking Association

**ATE Associates, Inc.**

5707 Corsa Avenue  
 Westlake Village, CA 91362  
 818-991-4001  
 Sy Barasch, President  
 Private  
 Total Sales FYE 11/86: \$3.5m Est.  
 Services: Prof. Serv.  
 INPUT profile available

**Atech**

734 Westpark Plaza  
 St. Louis, MO 63146  
 314-576-2884  
 Fred Huska, President  
 Private  
 Employees: 10

**Atek Computer Distributors**

9604 Oates Drive  
 Sacramento, CA 95827  
 916-362-0274  
 Private  
 Services: Turnkey

**ATEK Information Services**

See: AmeriTrust Corporation

# CAMS 1987

## Directory of Computer Services Companies

**ATEK Information Services**  
See: AmeriTrust Corporation

### ATI

3770 Highland, Suite 201  
Manhattan Beach, CA 90266  
213-546-4725  
Private

### A.T. Kearney

222 S. Riverside Plaza  
Chicago, IL 60606  
312-648-0111  
Fred Steingraber, President  
Private  
Services: Prof. Serv.

### Atlanta Data Processing Service

2262 Northwest Parkway SE, Suite E  
Marietta, GA 30067  
404-980-1586  
Private  
Services: Software

### Atlantic Computing Corporation

1447 Peachtree Street, N.E.  
Atlanta, GA 30309  
404-892-1895  
Fay McCoy, VP Operations  
Public  
Total Sales FYE 12/85: \$1.5m  
Services: Processing

### Atlantic Data Services, Inc.

Batterymarch Park  
Quincy, MA 02169  
617-770-3333  
Robert Howe, President  
Private  
Total Sales FYE 03/86: \$4.5m  
Services: Software, Prof. Serv.

### Atlantic Research Corporation

#### SUBSIDIARIES/DIVISIONS:

#### Systems and Applied Sciences Corporation (SASC)

1577 Springhill Road, Suite 600  
Vienna, VA 22180  
703-790-3700  
Ray Oleson, President  
Total Sales FYE 09/85: \$52.7m  
Services: Prof. Serv.  
INPUT profile available

### ATM Network Management Corporation

Acquired by: GTE Corporation

### ATR Reports, Inc.

6560 N. Park Drive  
Pennsauken, NJ 08109  
609-662-2070  
Private

### Attache Software

27392 Osuna  
Mission Viejo, CA 92691  
714-495-3444  
Private

### ATV Systems, Inc.

3015 S. Daimier  
P.O. Box 25054  
Santa Ana, CA 92799-5054  
714-630-1600  
Douglas J. O'Connor, President  
Public  
Services: Software, Prof. Serv., Turnkey

### Audio Visual Labs

Acquired by: Pansophic Systems, Inc.

### Auditek Inc.

140 Cedon Street  
New York, NY 10006  
212-619-3414  
Private

### Auragen Systems Corporation

2 Executive Drive  
Fort Lee, NJ 07024  
201-794-7280  
Rick Martin, President  
Private

### Aurelian Corporation

P.O. Box 1319  
Orem, UT 84057-1319  
801-225-5532  
Mark Cunningham, President  
Private  
Total Sales FYE 10/85: \$2.5m  
Services: Software, Prof. Serv.

### Aurora Systems, Inc.

2423 American Lane  
Madison, WI 53704  
608-249-5875  
L. Darryl Mataya, President  
Private  
Total Sales FYE 09/85: \$1.0m Est.  
Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Austec, Inc.**

2099 Gateway Place, Suite 400  
San Jose, CA 95110  
408-286-4662  
Less McNeal, President  
Public  
Employees: 65  
Services: Software

**Authorization Systems Inc.**

11400 Rockville Pike, Ste 510  
Rockville, MD 20852  
301-770-1625  
Harry Saxon, President  
Private  
Employees: 80

**Autodesk, Inc.**

2320 Marinship Way  
Sausalito, CA 94965  
415-332-2344  
Alvar Green, President  
Public  
Total Sales FYE 01/87: \$52.4m  
Services: Software  
INPUT profile available

**Autolog Systems**

See: Safeguard Scientifics, Inc.

**Automated Bookkeeping Corporation**

330 W. 42nd St., 29th Floor  
New York, NY 10036  
212-947-7741  
Sigman Banr, President  
Private  
Services: Prof. Serv.

**Automated Business Management, Inc.**

4276 Chevy Chase Drive  
La Canada Flintridge, CA 91011  
818-790-0964  
Ivan J. Mihail, President  
Private  
Employees: 6

**Automated Business Systems  
And Services**

6715 Kenilworth Avenue  
Riverdale, MD 20737  
301-454-8200  
Theodore Honard, President  
Private

**Automated Concepts Incorporated**

386 Park Avenue South, 18th Floor  
New York, NY 10016  
212-725-4540  
Fredrick Harris, President  
Private  
Total Sales FYE 12/85: \$21.0m  
Services: Prof. Serv.  
INPUT profile available

**Automated Data Services, Inc.**

617 Sonora Court  
Cincinnati, OH 45215  
513-579-0666  
Jay Hillbrand, President  
Private

**Automated Design Centers**

1149 West 190th Street  
Gardena, CA 90248  
213-327-7744  
John Wright, President  
Total Sales FYE 01/84: \$1.4m  
Services: Processing

**Automated Image Management  
(AIM) Division**

See: COMNET Corporation

**Automated Information Inc.**

6710 Clayton  
St. Louis, MO 63117  
314-644-4050  
Robert Love, President  
Private  
Employees: 150

**Automated Processing & Development  
Corp.**

3215 West Warner Avenue  
Santa Ana, CA 92704  
714-241-9955  
William H. Kirby, President  
Private  
Total Sales FYE 12/86: \$12.0m  
Services: Processing

**Automated Professional Systems**

270 Madison Avenue  
New York, NY 10016  
212-725-1880  
Private

**Automated Quill, Inc.**

6746 S. Revere Parkway  
Parkgate Office Center/Suite 100  
Englewood, CO 80112  
303-792-9779  
Vincent J. Lawrence, President  
Private  
Total Sales FYE 12/85: \$2.1m Est.  
Services: Processing, Software, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Automated Resource Management Inc.**

6055 Jackson Road  
Ann Arbor, MI 48103  
313-994-6121  
Grant Cook, President  
Private  
Employees: 12  
Services: Processing

**Automated Resources Group Inc.**

120 Pleasant Ave.  
Upper Saddle River, NJ 07458  
201-825-8100  
Tom Ammorillo, President  
Private

**Automated Science Group, Inc.**

700 Roeder Road  
Silver Springs, MD 20910  
301-587-8750  
Clarence Braddock, President  
Private  
Total Sales FYE 12/86: \$15.1m  
Services: Processing, Software, Prof. Serv., Turnkey

**Automated Systems Consultants, Inc. (ASCI)**

10820 W. 64th Street, Suite 1035  
Shawnee, KS 66203  
913-268-8600  
A. Lee Holt, President  
Private  
Total Sales FYE 09/85: \$3.0m  
Services: Software, Prof. Serv.

**Automated Systems Inc.**

888 N. Sepulveda Blvd.  
El Segundo, CA 90245  
213-615-0204  
Robert Fleming, President  
Private  
Employees: 150  
Services: Processing, Software

**Automatic Business Centers, Inc.**

See: CIGNA Corporation

**Automatic Data Processing, Inc.**

One ADP Blvd.  
Roseland, NJ 07068  
201-994-5000  
William J. Turner, President  
Public  
Total Sales FYE 06/86: \$1204.2m  
Services: Processing, Prof. Serv., Turnkey  
INPUT profile available

**SUBSIDIARIES/DIVISIONS:****ADP Manufacturing Services Division**

3025 Harbor Lane  
Minneapolis, MN 55441  
612-559-8263  
Glenn Marschell, President  
Employees: 50  
Services: Software

**ADP Banking and Thrift Division**

2091 Springdale Road  
Cherry Hill, NJ 08034  
609-424-0150  
Lynn Mangum, President  
Services: Processing

**ADP Brokerage Services Division**

42 Broadway  
New York, NY 10004  
212-544-6010  
Erwin Zipkis, President  
Services: Processing

**ADP Collision Estimating Services, Inc.**

2380 W. Winton  
Hayward, CA 94545  
415-783-4344  
Goren Staglin, President

**ADP Comtrend Division**

1345 Washington Blvd.  
Stanford, CT 06902  
203-357-1611  
Mark Koehler, President

**ADP Dealer Services Division**

920 E. Algonquin Rd.  
Schaumburg, IL 60173  
312-397-1700  
David Torrence, President

**ADP Financial Information Services**

East Park Drive  
Mount Laurel, NJ 08054  
609-235-7300  
John Gaven, President

**ADP National Accounts Division**

5680 New Northside Drive  
Atlanta, GA 30328  
404-955-3600  
Gary Butler, President



# CAMS 1987

## Directory of Computer Services Companies

**ADP Network Services Division**

175 Jackson Plaza  
Ann Arbor, MI 48106  
313-769-6800  
Karl Wyss, President

**ADP Thrift Services Division**

11 Green Way Plaza, Suite 300  
Houston, TX 77046  
713-622-8911  
Lynn Mangum, President

**Automating Peripherals, Inc.**

1567 E. Summer Street  
Hartford, CT 03027  
414-673-6815

Luis Garcia, President  
Private  
Employees: 12

**Automation Consultants**

610 Santa Cruz Ave.  
Menlo Park, CA 94025  
415-326-4031

Alan Carl, President  
Private

**Automation Consultants, International**

18070 Lake Encino Drive  
Encino, CA 91316  
818-344-9270

Alan L. Stewart, Director  
Private

Total Sales FYE 06/85: \$3.0m  
Services: Software, Prof. Serv.

**Automation Counselors, Inc.**

P.O. Box 511  
Frederick, MD 21701  
301-663-3700

Ross Benitez, President

Private  
Employees: 20  
Services: Software, Prof. Serv., Turnkey

**Automation, Inc.**

10703 J Street  
Omaha, NE 68127  
402-339-9500

Jack McDonnell, President

Private  
Total Sales FYE 12/85: \$2.6m  
Services: Processing, Software

**Automation Intelligence, Inc.**

1200 W. Colonial Dr.  
Orlando, FL 32804  
305-843-7030

Ted Fluchardt, President  
Private  
Employees: 110  
Services: Software

**Automation Management Services, Inc. (AMS)**

16535 W. Bluemound Rd., Suite 230  
Brookfield, WI 53005  
414-542-3500

John Knopp, President  
Private

**Automation Technology**

873 Township Line Road  
Elkins Park, PA 19117  
215-885-4880

Stephen C. Setzman, President  
Private  
Total Sales FYE 12/85: \$1.2m Est.

**Automotive Computer Group**

Sherwin Williams  
1421-B Court Street  
Clearwater, FL 33516  
813-443-5761

Private  
Services: Turnkey

**AutoScript, Inc.**

11 Mountain Ave.  
Bloomfield, CT 06002  
203-242-2358

John Grise, President  
Private  
Total Sales FYE 09/84: \$1.0m  
Services: Processing, Turnkey

**Auto Tell Services, Inc.**

600 Clark Avenue  
King of Prussia, PA 19406  
215-768-0200

Richard Schwenk, President  
Private  
Total Sales FYE 09/84: \$7.0m  
Services: Processing

**Auto-Trol Technology Corp.**

12500 N. Washington St.  
P.O. Box 33815  
Denver, CO 80233  
303-452-4919

Howard B. Hillman, President  
Public  
Total Sales FYE 12/86: \$62.4m  
Services: Turnkey  
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# CAMS 1987

## Directory of Computer Services Companies

**Autovative Computer Extensions, Inc.**

1300 Iroquois Drive, Suite 250  
Naperville, IL 60540-1684  
312-983-5555

Rodney B. Kohler, President

Private

Total Sales FYE 05/86: \$0.5m Est.

Services: Software, Prof. Serv.

**Auxton Computer Enterprises, Inc.**

See: Cincinnati Bell, Inc.

**AVANT-GARDE Computing, Inc.**

8000 Commerce Parkway  
Mt. Laurel, NJ 08054-2227  
609-778-7000

Michael L. Sanyour, President

Public

Total Sales FYE 04/86: \$16.3m Est.

Services: Prof. Serv.

**Avar & Associates**

414 N. Winnebago Dr.  
Greenwood, MO 64034  
816-537-6676

Sterling Weaver, President

Private

**Aviation Information Services, Inc.**

1726 Coe Boulevard, Suite 200  
Golden, CO 80401  
303-279-8910

Thomas Andrews, Vice President

Private

Employees: 60

**AVP Systems**

237 Washington Street  
Marblehead, MA 01945  
617-598-2716

Daniel L. Sullivan, President

Private

Employees: 5

Services: Software, Prof. Serv.

**AVTC**

110 Bi-County Boulevard  
Farmingdale, NY 11735  
516-420-8080

Private

Services: Software

**AW Computer Systems, Inc.**

9000-A Commerce Parkway  
Mt. Laurel, NJ 08054  
609-234-3939

Nicholas Ambrus, President

Public

Total Sales FYE 12/86: \$4.7m

Services: Turnkey

**Axel Johnson**

6666 Howard St.  
San Francisco, CA 94105  
415-777-3800

Private

**Axiom Group**

2364 Middle Country Rd.  
Centereach, NY 11720  
516-588-5461

David S. Kirk, President

Private

Total Sales FYE 09/84: \$1.0m

Services: Software, Prof. Serv.

**Axiom Products, Inc.**

1455 Veterans Highway  
Hauppauge, NY 11788-4836  
516-348-1900

Private

Employees: 9

Services: Software

**Axxess Information Systems, Inc.**

200 Central Ave.  
Mountainside, NJ 07092  
201-232-7600

Frank Petillo, President

Private

Services: Turnkey

**Ayers-Whitmore**

55 East 52nd St., 16th Floor  
New York, NY 10055  
212-909-5700

Emory D. Ayers, Managing Director

Private

Services: Prof. Serv.

**Azrex, Inc.**

3 Mountain Rd.  
P.O. Box 416  
Burlington, MA 01803-0917  
617-272-8750

David McIlhenny, President

Private

Total Sales FYE 06/86: \$2.8m Est.

Services: Software

**Aztech Corporation**

1621 Connecticut Ave., N.W.  
Washington, DC 20009  
202-232-5500

John Rollins, President

Private

Total Sales FYE 12/85: \$3.0m

Services: Processing, Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Aztech Data Processing, Inc.**

78-15 Metropolitan  
Middle Village, NY 11379  
718-326-9400

Leonard Minowitz, President  
Private  
Services: Processing

**Babage International Inc.**

81 McNeil Circle  
Marlboro, MA 01752  
617-485-7209

Private  
Employees: 65  
Services: Prof. Serv.

**Babcock & Wilcox Co.**

See: McDermott International, Inc.

**Backroom Systems Group**

See: Vertical Technologies Corporation

**Baird Corp.**

125 Middlesex Turnpike  
Bedford, MA 01730  
617-276-6000

John M. Dempsey, Jr., President  
Private

**Baird Petrophysical Group**

3300 Walnut Bend  
Houston, TX 77042  
713-975-8088

Ralph W. Baird, President  
Private  
Total Sales FYE 04/84: \$0.3m  
Services: Processing

**Bakco Data, Inc.**

1417 Lake Cook Rd., Suite 100  
Deerfield, IL 60015  
312-940-8330

Jerry D. Baker, President  
Private  
Total Sales FYE 09/85: \$1.5m Est.  
Services: Software

**Balance Computer Corporation**

3H Nashua Court  
Baltimore, MD 21221  
301-682-3880

Thomas A. Mannings, President  
Public  
Total Sales FYE 04/86: \$0.9m  
Services: Turnkey

**Balcones Computer Corp.**

2625 Bvell Ave.  
Austin, TX 78758  
512-346-1771

John A. Burns, President  
Private  
Total Sales FYE 12/84: \$0.8m  
Services: Software

**Bancroft Computer Systems**

P.O. Box 1533  
West Monroe, LA 91294-1533  
318-397-1377

Allen Harris, President  
Private  
Total Sales FYE 10/85: \$0.8m  
Services: Software

**BankAmerica Corporation**

Bank of America Center  
San Francisco, CA 94104  
415-622-3456  
Public

**SUBSIDIARIES/DIVISIONS:****Bank of America Business Services**

2001 Clayton Road, 9th Floor  
Concord, CA 94520  
415-675-5485

Francis Wetzel, Senior VP  
Services: Processing  
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**Banking Decision Systems**

See: Data Architects, Inc.

**Bankline, Inc.**

See: Security Pacific Information Systems

**Bank of America Business Services**

See: BankAmerica Corporation

**Bank of New England**

28 State Street, 7th Floor  
Boston, MA 02109  
617-742-4000

Private

**Bank of New York****SUBSIDIARIES/DIVISIONS:****Wall Street Data Services**

1500 Palisade Ave.  
Teaneck, NJ 07666  
201-833-1020

Tom Perna, President  
Total Sales FYE 12/86: \$20.0m  
Services: Processing, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Bankpro Systems**

Acquired by: Applied Communications, Inc.

**Banks of Iowa****SUBSIDIARIES/DIVISIONS:****Banks of Iowa Computer Services, Inc.**

4333 Edgewood road, NE  
Cedar Rapids, IO 52406  
319-395-6600

Brian Scott, President

Total Sales FYE 12/85: \$10.0m

Services: Processing

**Banks of Iowa Computer Services, Inc.**

See: Banks of Iowa

**Barfield Consulting, Inc.**

1220 L Street, N.W., Suite 515  
Washington, DC 20005  
202-682-1616

Geraldine Barfield, President

Private

Employees: 6

Services: Prof. Serv.

**Barkett Computer Services Inc.**

P.O. Box 522197  
Miami, FL 33152  
305-592-3304

William Rafferty, President

Private

**BaronData Systems, Inc.**

1700 Marina Blvd.  
San Leandro, CA 94577  
415-352-8101

J. Garrett Fitzgibbons, President

Public

Total Sales FYE 03/87: \$51.8m

Services: Turnkey

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**Baron Data Systems, Inc.**

See: Convergent, Inc.

**Barrister Information Systems Corp.**

One Technology Center  
45 Oak Street  
Buffalo, NY 14203  
716-845-5010

Henry Semmelhack, President

Public

Total Sales FYE 03/87: \$33.3m

Services: Prof. Serv., Turnkey

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**BASF Systems Corporation**

19 Crosby Drive  
Bedford, MA 01730  
617-271-4000

Private

**Basic American Medical, Inc.**

4000 East Southport Rd.  
Indianapolis, IN 46237  
317-783-5461

Public

**SUBSIDIARIES/DIVISIONS:****Medical Engineering, Inc.**

3955 Fowler Street  
Ft. Myers, FL 33901  
813-939-5211

Hugh Murphy, President

Total Sales FYE 12/84: \$5.0m Est.

Services: Software, Prof. Serv., Turnkey

**Basic Byte, Inc.**

P.O. Box 924  
Southfield, MI 48037-0924  
313-540-0655

Private

**Basic Solutions**

505 Commercial  
Sedgwick, KS 67135  
316-772-5174

David A. Sellens, President

Private

**Basys Incorporated**

1995 Broadway  
New York, NY 10023  
212-496-0083

Private

Employees: 12

Services: Prof. Serv.

**Battelle Memorial Institute**

505 Kings Ave.  
Columbus, OH 43201  
614-424-6424

Sherwood L. Fawcett, Chairman

Public

Total Sales FYE 12/85: \$500.0m

Services: Processing, Software, Prof. Serv., Turnkey

**SUBSIDIARIES/DIVISIONS:****Information Dimension, Inc.**

655 Metro Place South  
Dublin, OH 43017  
614-761-7300

William Griffith, President

Employees: 125

# CAMS 1987

## Directory of Computer Services Companies

**Battelle Software Products Center**  
 Named changed to: Information Dimension, Inc.

**Batteries Included, Inc.**  
 See: ITM Corporation

**Baudville**  
 1001 Medical Park Drive S.E.  
 Grand Rapids, MI 49506  
 616-949-1161  
 Private

**Baxter Travenol Laboratories, Inc.**

### SUBSIDIARIES/DIVISIONS:

**Compucare, Inc.**  
 2051 Mercator Drive  
 Reston, VA 22091  
 703-648-9000  
 Ron Aprahamian, President  
 Total Sales FYE 12/84: \$51.4m  
 Services: Software, Prof. Serv., Turnkey  
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**Dynamic Control Corporation**  
 195 Wekiva Springs Road, Suite 32  
 Longwood, FL 32779-3603  
 305-831-8444  
 Stephen A. Dougherty, President  
 Total Sales FYE 12/85: \$40.0m  
 Services: Software, Prof. Serv.

**Bay Banks, Inc.**  
 175 Federal St.  
 Boston, MA 02110  
 617-482-1040  
 William Crocier, President  
 Public

### SUBSIDIARIES/DIVISIONS:

**Bay Banks Systems, Inc.**  
 880 Main St.  
 Waltham, MA 02154  
 617-899-2222  
 Donald Isaacs, President  
 Total Sales FYE 12/86: \$35.0m Est.  
 Services: Processing, Software

**Bay Banks Systems, Inc.**  
 See: Bay Banks, Inc.

**BBN Communications Corporation**  
 See: Bolt, Beranek and Newman Inc.

**BBN Laboratories Incorporated**  
 See: Bolt, Beranek and Newman Inc.

**BBN Software Products Corporation**  
 See: Bolt, Beranek and Newman Inc.

**BCI, Inc.**  
 See: Bell Canada Enterprise CANADA

**BDM International, Inc.**  
 7915 Jones Branch Drive  
 McLean, VA 22102  
 703-821-5000  
 Earle C. Williams, President  
 Public  
 Total Sales FYE 12/86: \$322.2m  
 Services: Prof. Serv.

**BDR, Inc.**  
 1540 Broadway  
 New York, NY 10036  
 212-719-1571  
 Charles McGowan, President  
 Private  
 Employees: 80  
 Services: Processing

**B/D Software Corporation**  
 3151 Airway Ave., Suite H-1  
 Costa Mesa, CA 92626  
 714-556-9837  
 Kevin Haset, President  
 Private  
 Services: Turnkey

**Beaver Pacific Corporation**

### SUBSIDIARIES/DIVISIONS:

**David Corporation**  
 100 California, Suite 614  
 San Francisco, CA 94111  
 415-362-4555  
 Allan Burn, President  
 Employees: 28  
 Services: Software, Turnkey

**Bechtel Inc.**

### SUBSIDIARIES/DIVISIONS:

**PMB Systems Engineering Inc.**  
 500 Sansome St., Suite 400  
 San Francisco, CA 94111  
 415-986-4166  
 Services: Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Bedford Software**

102B - 3701 East Hastings Street  
Burnaby, BC B5C2H6  
604-294-2394

Private

Services: Software

**Bell Canada Enterprise CANADA****SUBSIDIARIES/DIVISIONS:****BCI, Inc.**

1749 Old Meadow, Suite 210  
McLean, VA 22102  
703-442-0515  
Ronald F. Graves, COO  
Total Sales FYE 12/84: \$11.0m Est.

**Bellesoft, Inc.**

Named changed to: Popular Programs, Inc.

**Bell & Murphy Associates**

P.O. Box 816188  
Dallas, TX 75381  
214-386-0252

John W. Bell, Jr., President

Private

Total Sales FYE 12/86: \$0.3m Est.

Services: Processing, Prof. Serv.

**Bellwether Corporation**

9900 Shelbyville Rd., Suite 6B  
Louisville, KY 40223  
502-426-9449

William J. Arnold, President

Private

Total Sales FYE 12/86: \$1.2m

Services: Prof. Serv.

**Benefacts, Inc.**

See: Alexander &amp; Alexander, Inc.

**Benefit Administration Systems, Inc.**

16 Knight Street  
Norwalk, CT 06851  
203-853-6584

Robert Schwartz, President

Private

Employees: 8

Services: Software

**Benetics Corporation**

335 East Middlefield Road  
Mountain View, CA 94043  
415-940-6300

John Krakauer, President

Private

Employees: 60

**Benton, Schneider & Associates**

100 Park Street  
Naperville, IL 60540  
312-325-9444

William Benton, President

Private

Total Sales FYE 09/85: \$2.4m

Services: Software, Prof. Serv., Turnkey

**Berger & Company****SUBSIDIARIES/DIVISIONS:****Berger & Company Information Management Consultants**

1350 17th Street, Suite 300  
Denver, CO 80202  
303-571-4557

Employees: 48

Services: Prof. Serv.

**Berger & Company Information Management Consultants**

See: Berger &amp; Company

**Berge Software**

1200 Westlake Avenue, No. 612  
Seattle, WA 98109  
206-284-7610

Private

**Berman Associates Inc.**

101 E. Holly Ave., Suite 14  
Sterling, VA 22170  
703-450-5000

Lon Bermon, President

Private

Employees: 10

Services: Software, Prof. Serv.

**Bernhard Arnold & Company, Inc.****SUBSIDIARIES/DIVISIONS:****Compupower Corp.**

1 Harmon Plaza  
Secaucus, NJ 07094  
201-866-8600

Stewart Kirschner, President

Employees: 70

Services: Processing, Prof. Serv.

**Berton Group Inc.**

235 E. 31st St.  
New York, NY 10016  
212-682-2274

Gerald Berton, President

Private

# CAMS 1987

## Directory of Computer Services Companies

**Berul Associates, Ltd.**

1530 E. Jefferson St.  
Rockville, MD 20852  
301-984-9400  
Lawrence H. Berul, President  
Private  
Total Sales FYE 12/84: \$1.9m  
Services: Prof. Serv.

**Best Programs**

5134 Leesburg Pike  
Alexandria, VA 22302  
703-931-1300  
Private

**BETAC Corporation**

1401 Wilson Blvd.  
Arlington, VA 22209  
703-243-9200  
Earl Lockwood, President  
Private

**Betacom, Inc.**

85 W. Algonquin Road, Suite 190  
Arlington Heights, IL 60005  
312-956-1050  
Donald A. Snyder, Operation Manager  
Private  
Employees: 5

**BGS Systems, Inc.**

128 Technology Center  
Waltham, MA 02254  
617-891-0000  
Dr. Harold Schwenk, President  
Public  
Total Sales FYE 01/86: \$14.5m  
Services: Software  
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**BIBLOS**

#2 Pennsylvania Plaza, Suite 1220  
New York, NY 10121  
212-244-0072  
Ollie Sternberg, President  
Private  
Employees: 15  
Services: Software, Prof. Serv.

**Biblos Technology, Inc.**

350 5th Avenue, Suite 1904  
New York, NY 10118  
212-244-0072  
A. Sternberg, President  
Private  
Total Sales FYE 01/85: \$0.6m Est.  
Services: Software, Prof. Serv.

**BICC Systems, Inc.**

1033 West Van Buren  
Chicago, IL 60607  
312-666-2422  
Jon R. Guenther, President  
Private  
Total Sales FYE 04/85: \$1.0m Est.

**Bidnet**

5 Choke Cherry Road  
Rockville, MD 20850  
301-330-7000  
Private

**B.I. Moyle Associates, Inc.**

5788 Lincoln Drive  
Minneapolis, MN 55436  
612-933-2885  
Bennett Moyle, President  
Private  
Services: Processing, Prof. Serv.

**BIS Banking Systems, Inc.**

See: Business Intelligence Services, Ltd. ENGLAND

**BIS, Inc.****BIS Insurance Systems, Inc.**

See: Business Intelligence Services, Ltd. ENGLAND

**BISS, Inc.**

10103 Fondren, Suite 390  
Houston, TX 77096  
713-988-1272  
Mike MacBride, President  
Private  
Employees: 5  
Services: Software

**Bitek, Inc.**

3200 East 29th St.  
Long Beach, CA 90805  
213-634-8950  
Wolfgang Schmidt, President  
Private  
Total Sales FYE 09/84: \$2.3m  
Services: Software, Turnkey

**B.K. Dynamics**

3204 Monroe Street  
Rockville, MD 20850  
301-984-7300  
Philip G. Bernard, President  
Private  
Employees: 70  
Services: Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Blackhawk Data Corporation**

307 N. Michigan Avenue  
Chicago, IL 60601  
312-236-8473

Private

Services: Software

**Blast (Communications Research Group)**

8939 Jefferson Highway  
Baton Rouge, LA 70809  
504-923-0888

Private

**Bloodstock Research, Inc.**

801 Corporate Dr.  
P.O. Box 4097  
Lexington, KY 40544  
606-278-0411

Carl Rogers, Ex. V.P.

Private

Total Sales FYE 12/84: \$4.2m

Services: Processing

**Bluebird Systems**

6352 Corte Del Abeto, Suite A  
Carlsbad, CA 92008  
619-438-2220

Hal Tilbury, President

Private

Total Sales FYE 10/86: \$12.0m Est.

**Blyth Software**

2929 Campus Drive  
San Mateo, CA 94403  
415-571-0222

Michael Kenny, President

Private

Employees: 90

Services: Software

**BMC Software Inc.**

P.O. Box 2002  
Sugarland, TX 77478  
713-240-8800

John Moores, President

Private

Total Sales FYE 12/85: \$15.0m

Services: Software

**BMDP Statistical Software, Inc.**

1964 Westwood Blvd., Suite 202  
Los Angeles, CA 90025  
213-475-5700

Dr. Wilfred J. Dixon, President

Private

**BMS Computer, Inc.**

375 N. Wiget Lane, Suite 210  
Walnut Creek, CA 94598  
415-938-2620

Larry Lynch, President

Private

Employees: 10

Services: Software, Prof. Serv.

**BM Systems**

5980 Port Anadarko Trail  
Hermitage, TN 37076  
615-889-0714

B. Malone, President

Private

**Boeing Company (The)**

7755 East Marginal Way South  
Seattle, WA 98108  
206-655-2121

Frank Shrontz, President

Public

Total Sales FYE 12/86: \$780.0m

**SUBSIDIARIES/DIVISIONS:****Boeing Computer Services Company**

2810 160th Avenue, S.E.  
Bellevue, WA 98008  
206-865-5156

Robert L. Dryden, President

Total Sales FYE 12/86: \$1200.0m Est.

Services: Processing, Software, Prof. Serv.

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**Boeing Computer Services Company**

See: Boeing Company (The)

**Boffin, Inc.**

7557 Rambler Rd., Suite 1050  
Dallas, TX 75231  
214-890-7017

Joe Marshall, President

Private

Total Sales FYE 01/84: \$1.0m

Services: Software, Prof. Serv., Turnkey

**Bohannon Huston, Inc.****Boise Cascade Computing**

See: Boise Cascade Corporation

**Boise Cascade Corporation**

One Jefferson Square  
Boise, ID 83728  
208-384-6161

Jon H. Miller, President

Public



# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:****Boise Cascade Computing**

One Jefferson Square  
Boise, ID 83728  
208-384-6100  
Jon Miller, President  
Services: Processing

**Bolt, Beranek and Newman Inc.**

10 Fawcett Street  
Cambridge, MA 02238  
617-491-1850  
Michael P. LaVigna, President  
Public  
Total Sales FYE 06/86: \$178.0m  
Services: Software, Prof. Serv., Turnkey  
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**SUBSIDIARIES/DIVISIONS:****BBN Software Products Corporation**

10 Fawcett St.  
Cambridge, MA 02238  
617-864-1780  
Ean M. Rankin, President  
Services: Software

**BBN Laboratories Incorporated**

10 Moulton St.  
Cambridge, MA 02238  
617-491-1850  
David C. Walden, President  
Services: Prof. Serv.

**BBN Communications Corporation**

70 Fawcett St.  
Cambridge, MA 02238  
617-497-2800  
Terry Fagin, President  
Services: Prof. Serv.

**Bonner & Moore Associates**

2727 Allen Parkway  
Houston, TX 77019  
713-522-6800  
Joe F. Moore, President  
Private  
Total Sales FYE 11/84: \$12.0m  
Services: Processing, Software, Prof. Serv.

**Boole & Babbage, Inc.**

510 Oakmead Parkway  
Sunnyvale, CA 94086  
408-735-9550  
Bruce T. Coleman, President  
Public  
Total Sales FYE 09/86: \$34.5m  
Services: Software, Prof. Serv.  
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**Booz, Allen & Hamilton Inc.**

245 Park Avenue  
New York, NY 10017  
212-880-9496  
J.B. Farley, Senior Vice President  
Private  
Services: Prof. Serv.

**Borland International**

4585 Scotts Valley Drive  
Scotts Valley, CA 95066  
408-438-8400  
Philippe Kahn, President  
Private  
Total Sales FYE 12/85: \$30.0m Est.  
Services: Software

**Boss International**

3435 Greystore Dr, Suite 106  
Austin, TX 78731  
512-346-1771  
Kay Morgan, President  
Private  
Total Sales FYE 12/85: \$0.5m  
Services: Software

**Boston Documentation Design, Inc.**

2120 Commonwealth Ave. Str 9  
P.O. Box 284  
Auburndale, MA 02166  
617-965-5300  
Private

**Boston Systems Office, Inc.**

128 Technology Center  
Waltham, MA 02254-9164  
617-894-7800  
Michael Rooney, President  
Private  
Employees: 55

**BPI Systems, Inc.**

Acquired by: Computer Associates International, Inc.

**BP Resources**

55 University Ave.  
Toronto, ON  
416-361-0794  
Private

**SUBSIDIARIES/DIVISIONS:****Dataplottting Services Inc.**

225 Duncan Mill Road  
Don Mills, ON M3B 3K9  
416-441-4163  
Wilfred M. Parker, President  
Employees: 70  
Services: Processing, Software, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**BPS Computer Services**

P.O. Box 1066  
 Portsmouth, OH 45662  
 614-354-4243  
 Mr. Dall Irwin, President  
 Private  
 Services: Processing, Prof. Serv.

**Bradford Business Systems, Inc.**

25301 Cabot Rd., Suite 201  
 Laguna Hills, CA 92653  
 714-859-4428  
 Russell T. Bradford, President  
 Private  
 Services: Software

**Bradford National Corporation**

Named changed to: Fidata Corporation

**Braegen Corporation**

660 East Calaveras Blvd.  
 Milpitas, CA 95035-5442  
 408-945-1900  
 Private

**Braid Communications**

430 Pacific Avenue  
 San Francisco, CA 94133  
 415-398-3070  
 Private

**Brandon Consulting Group, Inc.**

See: Brandon Systems Corporation

**Brandon Systems Corporation**

One Harmon Plaza, 4th Floor  
 Secaucus, NY 07094  
 201-392-0800  
 Ira B. Brown, President  
 Public  
 Total Sales FYE 09/86: \$17.8m  
 Services: Prof. Serv.  
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**SUBSIDIARIES/DIVISIONS:****Brandon Consulting Group, Inc.**

1775 Broadway  
 New York, NY 10019  
 212-977-4400  
 Ira Brown, President  
 Total Sales FYE 12/86: \$7.0m Est.  
 Services: Prof. Serv.

**Breakthrough Software Corporation**

505 San Martin Drive  
 Novato, CA 94947  
 415-898-1919  
 Andrew Layman, President  
 Private  
 Total Sales FYE 04/86: \$3.5m

**Briareus Corporation**

1801 S. La Cienega Blvd., Suite 306  
 Los Angeles, CA 90035  
 213-204-5080  
 Samuel Piengold, President  
 Private  
 Total Sales FYE 12/85: \$2.0m Est.  
 Services: Software, Turnkey

**Bridge, Inc. (The)**

199 California Drive  
 Millbrae, CA 94030  
 415-697-2730  
 Gary Coffing, Vice President  
 Private  
 Services: Software

**Bristol Information Systems, Inc.**

84 N. Main Street  
 P.O. Box 1081  
 Fall River, MA 02720  
 617-679-1051  
 Frederick M. Gottlieb, President  
 Private  
 Employees: 20  
 Services: Software

**British Petroleum****SUBSIDIARIES/DIVISIONS:****Systems Control, Inc.**

1801 Page Mill Rd.  
 Palo Alto, CA 94304  
 415-494-1165  
 Bob Miller, President  
 Total Sales FYE 12/84: \$30.0m  
 Services: Prof. Serv.

**British Telecom****SUBSIDIARIES/DIVISIONS:****Dialcom, Inc.**

6120 Executive Blvd.  
 Rockville, MD 20852  
 301-881-9020  
 John Morris, President  
 Total Sales FYE 12/85: \$20.0m  
 Services: Processing  
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# CAMS 1987

## Directory of Computer Services Companies

**Brittanica Learning Corporation****SUBSIDIARIES/DIVISIONS:****DesignWare**

185 Berry Street, Suite 158  
San Francisco, CA 94107  
415-546-1937

James Schuyler, General Manager  
Total Sales FYE 12/84: \$3.6m  
Services: Software

**Broadway & Seymour, Inc.**

302 South Tryon Street  
Charlotte, NC 08202  
704-372-4281

Olin Broadway, President

Private

Total Sales FYE 01/86: \$20.0m

Services: Software, Prof. Serv.

**Brock Control Systems, Inc.**

1600 Parkwood Circle, Suite 100  
Atlanta, GA 30339  
404-956-0081

Richard T. Brock, President

Private

Employees: 50

Services: Turnkey

**Broderbund Software, Inc.**

17 Paul Drive  
San Rafael, CA 94903-2101  
415-479-1700

Doug Carlston, President

Private

Total Sales FYE 12/85: \$24.0m

Services: Software

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**Brokerage Systems, Inc.**

2 North Riverside Plaza  
Chicago, IL 60606  
312-559-0250

John Munro, President

Private

Employees: 12

Services: Prof. Serv., Turnkey

**BRS Computing Inc.**

7 Westchester Plaza  
Elmsford, NY 10523  
914-592-5338

Barry Schoenhaut, President

Private

**BRS Information Technology**

See: TBG, Inc.

**Bruce Bell and Associates**

425 Main Street, Suite 10  
Carson City, NV 81212  
303-275-1661

Bruce Bell, President

Private

Total Sales FYE 10/85: \$0.2m

Services: Software

**Bruning CAD**

See: AM International, Inc.

**BSA Turnkey Corporation**

1714 Brogan St.  
San Antonio, TX 78232  
512-734-3814

Burke Cabanis, President

Private

Employees: 6

Services: Prof. Serv., Turnkey

**BST Consultants, Inc.**

6110 Gunn Highway  
P.O. Box 23425  
Tampa, FL 33623  
813-961-3902

Carlos Baldor, President

Private

**BUC International Corp.**

1881 Northeast 26th St.  
Fort Lauderdale, FL 33305  
305-565-6715

Walter J. Sullivan, President

Private

**Budget Timeshare Inc.**

4739 Alla Road  
Marina Del Rey, CA 90291  
213-821-5973

Private

Total Sales FYE 07/84: \$25.0m

Services: Processing, Software, Prof. Serv.

**Bunker Ramo Information Systems**

Merged with: Automatic Data Processing, Inc.

**Bureau of National Affairs, Inc.**

1231 25th Street, NW  
Washington, DC 20037  
202-452-4200

William A. Belts, President

Private

Employees: 1500

# CAMS 1987

## Directory of Computer Services Companies

**Burkhalter & Company**

520 E. Capitol  
Jackson, MS 39201  
601-948-6700  
Henry M. Burkhalter, Managing Partner  
Private  
Employees: 45

**Burroughs Corporation**

Named changed to: Unisys Corporation

**Business Computer Design, Inc.**

900 Jorie Boulevard  
Suite 280  
Oak Brook, IL 60521  
312-920-1175  
L. Serdra, President  
Private  
Total Sales FYE 09/85: \$1.5m  
Services: Software

**Business Computer Solutions, Inc.**

1200 N.W. 78th Avenue  
Miami, FL 33126  
305-591-2274  
Dr. Ronald A. Goldstein, President  
Public  
Total Sales FYE 02/86: \$0.7m  
Services: Software, Prof. Serv., Turnkey  
INPUT profile available

**Business Computer Systems**

221 Columbus Avenue  
Boston, MA 02116  
617-536-7780  
Private

**Business Controls Corporation (BCC)**

3-7 West First Street  
Clifton, NJ 07011  
201-340-9893  
David J. Hirschfeld, President  
Private  
Total Sales FYE 03/86: \$0.6m Est.  
Services: Software

**Business Data Services, Inc.**

Named changed to: American Computer Technology, Inc.

**Business Equipment House, Inc.**

2934 West Montrose Avenue  
Chicago, IL 60618  
312-478-3800  
Harold R. Root, President  
Private  
Employees: 25

**Business Information Services**

2100 W. 89th St.  
Leawood, KA 66206  
913-642-7373  
David Ray, Chairman  
Private  
Total Sales FYE 12/85: \$67.0m  
Services: Processing

**Business Information Systems, Inc.**

3442 Stelhorn Road  
Fort Wayne, IN 46815  
219-485-9671  
Don Currie, President  
Private  
Employees: 8  
Services: Software, Prof. Serv.

**Business Intelligence Services, Inc.**

See: Business Intelligence Services, Ltd. ENGLAND

**Business Intelligence Services, Ltd. ENGLAND****SUBSIDIARIES/DIVISIONS:****BIS Insurance Systems, Inc.**

900 Third Avenue, 21st Floor  
New York, NY 10022  
212-688-7300  
Fraser Chambers, President  
Total Sales FYE 02/86: \$3.5m Est.  
Services: Prof. Serv., Turnkey

**BIS Banking Systems, Inc.**

900 Third Avenue, 21st Floor  
New York, NY 10022  
212-688-7300  
Fraser Chambers, President  
Employees: 60  
Services: Software, Prof. Serv.

**Business Intelligence Services, Inc.**

900 Third Ave.  
New York, NY 10022  
212-688-7300  
Fraser Chambers, President  
Employees: 60  
Services: Software, Prof. Serv.

**Business Library Corporation**

P.O. Box 9363  
Walnut Creek, CA 94598  
800-451-1783  
Bruce Schooley, President  
Private  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Business Management Systems, Inc.**

9526-A Lee Highway  
Fairfax, VA 22031  
703-591-0911  
Adelard L. Brault, Jr., President  
Private  
Total Sales FYE 12/84: \$1.3m  
Services: Software, Turnkey

**Business Model Systems AUSTRALIA****SUBSIDIARIES/DIVISIONS:****Business Model Systems, Inc.**

2625 Butterfield Rd.  
Oakbrook, IL 60521  
312-789-9160  
Max Beathy, President  
Employees: 35  
Services: Software

**Business Model Systems, Inc.**

See: Business Model Systems AUSTRALIA

**Business Operating Software, Inc.**

2607 Walnut Hill Lane  
Dallas, TX 75229  
214-956-7722  
Ed Haden, President  
Private  
Total Sales FYE 12/85: \$3.0m  
Services: Software

**Business & Professional Software, Inc.**

143 Binney Street  
Cambridge, MA 02142  
617-491-3377  
David Solomont, President  
Private  
Employees: 13  
Services: Software

**Business Records Corporation****SUBSIDIARIES/DIVISIONS:****Computer Concepts & Services, Inc.**

7227 3rd. St. South  
St. Cloud, MN 56302  
612-253-2170  
Daniel J. Brennan, President  
Total Sales FYE 10/85: \$3.0m  
Services: Software, Prof. Serv., Turnkey

**Business Software, Inc.**

3957 Pleasantdale Road, Suite 107  
Atlanta, GA 30340  
404-449-3200  
Ralph Rindik, President  
Private  
Employees: 8

**Business Software Technology, Inc.**

950 N. Main Street  
Randolph, MA 02368  
617-986-7070  
Nick Rini, President  
Private  
Employees: 25  
Services: Software, Prof. Serv.

**Business Systems, Inc.**

9845 Roosevelt Road  
Westchester, IL 60153  
312-681-6060  
Clyde Scott, President  
Private  
Employees: 75

**Business Systems International, Inc.**

20942 Osborne St.  
Canoga Park, CA 91304  
818-998-7227  
Joseph M. Manion, President  
Private  
Employees: 22  
Services: Software

**Business Systems Resources**

303 Wyman Street  
Waltham, MA 02154  
617-890-2105  
Ivan Burns, President  
Private  
Employees: 18  
Services: Software

**Butler Computer Graphics**

5200 East Evans  
Denver, CO 80222  
303-756-8811  
Bill Knight, President  
Public  
Total Sales FYE 12/84: \$16.0m  
Services: Software, Prof. Serv.

**Butler & Curless Associates, Inc.**

7610 Falls Neuse Rd., Suite 270  
Raleigh, NC 27615  
919-847-1811  
Don Curless, President  
Private  
Total Sales FYE 03/86: \$1.2m  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Buypass**

6666 Towers Ferry Road  
Atlanta, GA  
404-953-2664  
John Festa, President  
Private  
Employees: 65  
Services: Processing

**Byad, Inc.**

85 W. Algonquin Road  
Arlington Heights, IL 60005  
312-228-3400  
Jeffrey Fisher, President  
Private  
Total Sales FYE 06/86: \$2.0m Est.

**Bytel Corporation**

1029 Solano Avenue  
Berkley, CA 94706  
415-527-1157  
Dan Pines, President  
Private  
Employees: 12  
Services: Software

**C3, Inc.**

11425 Isaac Newton Square South  
Reston, VA 22090  
703-471-6000  
John G. Ballenger, President  
Public  
Total Sales FYE 03/86: \$65.3m  
Services: Turnkey  
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**Cable Applications, Inc.**

200 Garden City Plaza  
Garden City, NY 11530  
516-877-1700  
A.C. DeTorres, President  
Public  
Employees: 12

**CableData**

2969 Property Park Dr.  
Sacramento, CA 95873  
916-636-5700  
Robert J. Mathews, President  
Private  
Total Sales FYE 12/84: \$58.0m  
Services: Processing, Turnkey  
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**Cable & Wireless ENGLAND****SUBSIDIARIES/DIVISIONS:****C & W Incotel, Inc.**

Five Pen Plaza  
New York, NY 10001  
212-594-8340  
Ned Haul, President  
Total Sales FYE 12/86: \$7.5m  
Services: Software, Prof. Serv.

**Cache Data Product Distributors**

8230 Forsyth, Suite 201  
St. Louis, MO 63105  
314-721-3168  
Private

**CACI, Inc.**

1815 N. Fort Myer Dr.  
Arlington, VA 22209  
703-841-7800  
Herbert W. Karr, President  
Public  
Total Sales FYE 06/86: \$98.7m  
Services: Prof. Serv.  
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**Cactus Software, Inc.**

P.O. Box 880  
Peoria, AZ 85345  
602-242-7953  
Private

**CADAM Inc.**

See: Lockheed Corporation

**Cad Design Systems, Inc. (CDSI)**

1305 Remington Road, Suite D  
Schaumburg, IL 60195  
312-882-0114  
Marmon Pine, President  
Private  
Employees: 26  
Services: Software, Turnkey

**CADLINC, Inc.**

700 Nicholas Blvd.  
Elk Grove Village, IL 60007  
312-228-7300  
John H. West, President  
Private  
Total Sales FYE 09/85: \$25.0m  
Services: Turnkey  
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# CAMS 1987

## Directory of Computer Services Companies

**Cadnetix Corporation**

5797 Central Avenue  
Boulder, CO 80301  
303-444-8075

Bruce Holland, President  
Private

**Caelus Associates, Inc.**

800 Fidelity Building  
Spokane, WA 99201  
509-455-8566

Stan Hatch, President  
Private

Total Sales FYE 06/84: \$4.2m  
Services: Turnkey

**Caetec Software, Inc.**

5 Dunwoody Park, Suite 109  
Atlanta, GA 30338  
404-395-7844

Cal McGraw, Chairman & CEO  
Private  
Employees: 18

**Calculon Corporation**

See: ORI, Inc.

**Calculon (U.S.) Corporation**

See: ORI, Inc.

**California Interactive Computing, Inc.**

12517 Chandler Blvd.  
North Hollywood, CA 91607  
213-557-2424

Jeff Buckley, President  
Private

Total Sales FYE 06/86: \$8.0m  
Services: Processing, Software, Prof. Serv., Turnkey

**California Software, Inc.**

1950 Santelle Blvd, Suite 350  
Los Angeles, CA 90025  
213-479-5353

Al Frank, President  
Private

Total Sales FYE 12/85: \$3.0m  
Services: Software

**California Software Products, Inc.**

Merged with: UCCEL Corporation

**Calma Company**

See: General Electric Company

**CAL MICRO**

423 Salmar  
Campbell, CA 95008  
408-985-2900

Private

**Calspan Corp.**

See: Arvin Industries, Inc.

**Calvin P. Allyn & Associates**

50 Congress St.  
Boston, MA 02109  
617-723-7340

Calvin P. Allyn, President  
Private

Total Sales FYE 12/86: \$0.3m Est.  
Services: Processing, Prof. Serv.

**Camax Systems, Inc.**

7225 Ohms Lane  
Minneapolis, MN 55435  
612-831-0604

David Arnoldy, President  
Private

Employees: 45  
Services: Turnkey

**Cambar Business Systems, Inc.**

4975 LaCross Road, Suite 200  
Charleston, SC 29411  
803-747-4539

Roger K. Davis, President  
Private

Total Sales FYE 11/86: \$4.0m Est.  
Services: Software  
INPUT profile available

**Cambell Services, Inc.**

21700 Northwestern Highway, Suite 1070  
Southfield, MI 49075  
313-559-5955

Private  
Services: Software

**Cambridge Careers Products, Inc.**

#2 Players Club Drive  
Charleston, WV 25311  
304-344-8550

Dr. Ty Gardner, President  
Private

Employees: 10  
Services: Software

**Cambridge Computer Associates, Inc.**

222 Alewife Brook Parkway  
Cambridge, MA  
617-868-1111

Victor Oppenheimer, President  
Private

Employees: 50  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Cambridge Systems Group**  
Merged with: UCCEL Corporation

**Camex**  
75 Kneeland  
Boston, MA 02111  
617-426-3577  
Tom Hagan, President  
Private  
Employees: 140  
Services: Processing

**Canaan Computer Corporation**  
39 Lindeman Drive  
Trumbull, CT 06611  
203-372-8100  
Robert H. Bernard, President  
Private  
Employees: 82  
Services: Processing

**Canada Systems Group Limited**  
2599 Speakman Drive  
Mississauga, Ontario, L5K 1B1  
416-822-5200  
John F. Ricketts, President  
Private  
Employees: 1400

**Candle Corporation**  
10880 Wilshire Boulevard, Suite 2404  
Los Angeles, CA 90024  
213-207-1400  
Aubrey Chernick, President  
Private  
Total Sales FYE 12/85: \$60.0m  
Services: Software  
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**Canton Automated Systems**  
100 Central Plaza South  
P.O. Box 110  
Canton, OH 44701  
216-489-3738  
Larry Machan, President  
Private  
Total Sales FYE 10/86: \$10.0m Est.

**Cape Data, Inc.**  
1050 Bible Way  
Reno, NV 89502  
702-323-3100  
Peter Summers, President  
Private  
Employees: 7  
Services: Software

**CAP Gemini America**  
See: CAP Gemini Sogeti

**CAP Gemini Software Products, Inc.**  
2350 Valley View, Suite 420  
Dallas, TX 75234  
214-247-5454  
Bryan Austin, President  
Private  
Employees: 55  
Services: Software

**CAP Gemini Sogeti**

### SUBSIDIARIES/DIVISIONS:

**CAP Gemini America**  
1133 Avenue of the Americas, 12th Floor  
New York, NY 10036  
212-221-7498  
James G. Kerridge, President  
Total Sales FYE 12/85: \$245.0m

**CAP Group, Ltd. ENGLAND**

### SUBSIDIARIES/DIVISIONS:

**CAP Information Systems, Inc.**  
521 5th Ave. - 34th Floor  
New York, NY 10175  
212-599-7000  
Jeffrey Jenner, President  
Total Sales FYE 04/84: \$26.5m  
Services: Prof. Serv.

**CAP Information Systems, Inc.**  
See: CAP Group, Ltd. ENGLAND

**Capital Systems Group, Inc.**  
1803 Research Blvd., Suite 600  
Rockville, MD 20850  
301-881-9400  
Raj Shah, Chairman  
Private  
Total Sales FYE 07/84: \$10.0m  
Services: Software, Prof. Serv., Turnkey

**Capital Systems, Inc.**  
Acquired by: SHL System House, Inc.

**CAPSCO Software International**  
100 West 22nd Street  
Lombard, IL 60148  
312-495-8620  
Herb Kerna, Chairman  
Private  
Total Sales FYE 12/85: \$10.0m Est.  
Services: Processing, Software, Prof. Serv.  
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# CAMS 1987

## Directory of Computer Services Companies

**Captron, Inc.**

Box 2  
 Newtown, PA 18940  
 215-968-6789  
 R.W. Atkinson, President  
 Private  
 Total Sales FYE 10/85: \$1.0m

**SUBSIDIARIES/DIVISIONS:****Maple Plain Company**

12755 State Highway 55  
 Minneapolis, MN 55359  
 612-479-4100

**CARA Corporation**

611 E. Butterfield Road  
 Lombard, IL 60148  
 312-968-8100

Anthony Durkin, President  
 Private  
 Employees: 100  
 Services: Prof. Serv.

**Carlton Financial Systems****SUBSIDIARIES/DIVISIONS:****Datalink Systems, Inc.**

1818 Commerce Drive  
 P.O. Box 1316  
 South Bend, IN 46624  
 219-282-3300

Joseph Pitts, President

**Cardinal Data Systems, Inc.**

580 Sylvan Ave.  
 Englewood Cliffs, NJ 07632  
 201-567-1821

Larry Pack, President  
 Private  
 Total Sales FYE 10/85: \$2.5m  
 Services: Software, Prof. Serv., Turnkey

**Carnegie Group, Inc.**

Station Square  
 Pittsburgh, PA 15219  
 412-642-6900

Mark Fox, President  
 Private  
 Total Sales FYE 12/86: \$10.0m  
 Services: Prof. Serv.

**Care Computer Systems**

636 120th Avenue, N.E.  
 Bellvue, WA 98005  
 206-451-8272

James L. Ingalls, President  
 Private  
 Total Sales FYE 09/85: \$5.8m  
 Services: Processing, Prof. Serv., Turnkey

**CARS Information Systems Corporation**

4000 Executive Park Drive  
 Cincinnati, OH 45241  
 513-563-4542

John Pierce, President  
 Private  
 Total Sales FYE 06/86: \$2.0m Est.  
 Services: Software, Turnkey  
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**Care Information Systems, Inc.**

3009 S. Sixth St.  
 Springfield, IL 62703  
 217-522-2273

John Struckhoff, President  
 Public  
 Total Sales FYE 02/84: \$0.8m  
 Services: Software, Turnkey

**Cascade Graphics Systems**

See: Kinetics Technology International

**Carleton Corporation**

245 1st Street, Suite 404  
 Cambridge, MA 02142  
 617-494-1232

Douglas Gorman, President  
 Private  
 Total Sales FYE 12/86: \$2.0m Est.  
 Services: Software, Prof. Serv.

**Case Technology, Inc.**

633 Menlo  
 Menlo Park, CA 94025  
 415-322-4057

Kevin Kerns, President  
 Private  
 Employees: 38

**Casher Associates, Inc.**

1371 Beacon Street  
 Brookline, MA 02146  
 617-232-9111

Private  
 Employees: 20  
 Services: Software, Prof. Serv., Turnkey

**Carlson Marketing Group**

# CAMS 1987

## Directory of Computer Services Companies

**CASI**

552 N.W. 77th Street  
Boca Raton, FL 33431  
305-997-9660

John Witherow, President

Private

Employees: 70

Services: Software

**CCG Systems, Inc.**

600 Court Street  
Portsmouth, VA 23704  
804-393-4383

Jim Nelson, President

Private

Total Sales FYE 05/85: \$6.0m

Services: Software

**Cass Commercial Corporation****CCH Computax, Inc.**

See: Commerce Clearing House

**SUBSIDIARIES/DIVISIONS:****Cass Information Systems, Inc.**

1015 Locust Street  
St. Louis, MO 63101  
314-621-4121

Lawrence Collett, President

Total Sales FYE 12/86: \$13.0m Est.

Services: Processing

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**CCX Network, Inc.**

301 Industrial Blvd.  
Conway, AR 72032  
501-329-6836

Phil Carter, President

Public

Total Sales FYE 09/86: \$19.3m

Services: Processing, Turnkey

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**Cass Information Systems, Inc.**

See: Cass Commercial Corporation

**CDEX Corp.**

1885 Lundy Ave.  
San Jose, CA 95131  
408-263-0430

Bruce Frisch, President

Private

Total Sales FYE 03/84: \$1.5m

Services: Software

**Catalyst, U.S.A., Inc.**

See: Lyon Metal Products

**CDI Information Systems, Inc.**

1309 114th Avenue S.E., Suite 300  
Bellevue, WA 98004  
206-455-5117

Private

**Catalytix Corporation**

55 Wheeler St.  
Cambridge, MA 02138  
617-497-2160

Donald French, President

Private

Employees: 15

Services: Software

**CDI Systems, Inc.**

2803 Butterfield  
Oak Brook, IL 60521  
312-574-5900

Private

Services: Software

**Catronix Corporation**

120 Ralph McGill Blvd., Suite 800  
Atlanta, GA 30308  
404-872-2300

Dr. Charles Pearson, Chairman

Private

Total Sales FYE 03/86: \$0.3m Est.

Services: Software, Prof. Serv., Turnkey

**CD Systems, Inc.**

14614 Grover, Suite 200  
Omaha, NE 68144  
402-330-2310

Glen Stenger, President

Private

Employees: 40

Services: Software

**CCA Uniworks, Inc.**

20 William St.  
Wellesley, MA 02181  
617-235-2600

John Paul, President

Private

Employees: 5

Services: Software

**Celestial Software, Inc.**

See: Robert L. Cloud Associates, Inc.

# CAMS 1987

## Directory of Computer Services Companies

### Celina Financial Corporation

#### SUBSIDIARIES/DIVISIONS:

#### Midwest Data Systems, Inc.

One Insurance Square  
P.O. Box 108  
Celina, OH 45822  
419-586-5181  
Martin A. Herf, President  
Total Sales FYE 12/85: \$6.5m  
Services: Processing, Software, Prof. Serv., Turnkey

#### Cellular Pay Phone, Inc.

See: Dyna, Inc.

### Centec Corporation

11260 Roger Bacon Dr.  
Reston, VA 22090  
703-471-6300  
Paul Minor, President  
Private  
Total Sales FYE 08/85: \$6.2m  
Services: Software, Turnkey

### Center for Computer Systems, Inc. (The)

6965 University Blvd.  
Winter Park, FL 32792  
305-629-1023  
Richard P. Conniff, President  
Private  
Total Sales FYE 12/84: \$1.2m  
Services: Turnkey

### Central Computer Systems, Inc.

Acquired by: Computer Task Group, Inc.

### Century Analysis, Inc.

114 Center Ave.  
Pacheco, CA 94553  
415-680-7800  
Sarah LaFrance, President  
Private  
Total Sales FYE 12/86: \$5.0m Est.  
Services: Software  
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### Cericon, Inc.

Acquired by: Hewlett-Packard Company

### Cerritos Computer Services

4320 Atlantic Avenue, Suite 1  
Long Beach, CA 90807  
213-424-6403  
Joseph P. Cagan, President  
Private

### Certified Collateral Corporation

640 N. LaSalle Street  
Chicago, IL 60610  
312-787-2640  
Howard A. Tullman, President  
Public  
Total Sales FYE 12/86: \$13.8m  
Services: Processing

### CFS, Inc.

1600 VFW Parkway  
West Roxbury, MA 02132  
617-566-0222  
Richard K. Goran, President  
Private  
Employees: 9  
Services: Software

### CGA Computer, Inc.

Acquired by: CAP Gemini America

### CGS Computer Associates, Inc.

485 E. U.S. Route 1, South  
Iselin, NJ 08830  
201-750-4141  
Augustus Guida, President  
Private  
Services: Prof. Serv.

### CGX Corporation

43 Nagog Park  
Acton, MA 01720  
617-263-3222  
Kenneth Leavitt, President & CEO  
Private  
Employees: 130

### Chain Store Systems, Ltd.

Named changed to: Worldwide Chain Store Systems, Ltd.

### Champion Service Corporation

See: Citizens Financial Corporation

### Champion Software

66 S. Van Gordon Street, Suite 155  
Lakewood, CO 80228  
303-987-2588  
Private

### Charles, Mann & Associates

55722 Santa Fe Trail  
Yucca Valley, CA 92284  
619-365-9718  
Charles Mann, President  
Private  
Employees: 50  
Services: Software, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Charles River Data Systems, Inc.**

983 Concord Street  
 Framingham, MA 01701  
 617-626-1000  
 Richard Shapiro, President  
 Private  
 Total Sales FYE 07/84: \$10.0m Est.

**Charter Medical Corporation**

577 Mulberry Street  
 P.O. Box 209  
 Macon, GA 31298  
 912-742-1161  
 William A. Pickling, Jr., President  
 Public

**SUBSIDIARIES/DIVISIONS:****Medical Data Services, Inc.**

901 Moorefield Park Drive  
 Richmond, VA 23236  
 804-794-2818  
 Kenneth R. Brown, President  
 Total Sales FYE 09/84: \$425.0m  
 Services: Processing, Turnkey

**Chase Manhattan Bank****SUBSIDIARIES/DIVISIONS:****Interactive Data Corporation**

95 Hayden Ave.  
 Lexington, MA 02173-9144  
 617-863-8100  
 John Rutherford, Jr., President  
 Total Sales FYE 12/86: \$65.0m  
 Services: Processing, Prof. Serv.

**Computer Power, Inc.**

P.O. Box 2388  
 Jacksonville, FL 32231  
 904-358-1424  
 David M. Hicks, President  
 Total Sales FYE 12/85: \$46.1m  
 Services: Processing, Software, Prof. Serv.

**Chase Trans-Info, Inc.**

560 Mission Street  
 San Francisco, CA 94105  
 415-495-8877  
 Harold Friedman, President  
 Total Sales FYE 12/84: \$6.0m  
 Services: Processing

**Chase Systems**

5518 Moccasin Dr.  
 Westerville, OH 43081  
 614-899-0400  
 Matthew Chase, President  
 Private  
 Employees: 8  
 Services: Software

**Chase Trans-Info, Inc.**

See: Chase Manhattan Bank

**Chemical Abstracts Services (CAS)**

See: American Chemical Society

**ChemShare Corporation (The)**

P.O. Box 1885  
 Houston, TX 77251  
 713-627-8945  
 Dr. Michael L. McGuire, President  
 Private  
 Services: Software

**Cherry, Bekaert & Holland**

P.O. Box 2084  
 Gastonia, NC 28052  
 704-865-2396  
 Eric Presley, President  
 Private  
 Employees: 75

**Chicago-Soft, Ltd.**

738 N. LaSalle, Suite 2  
 Chicago, IL 60610  
 312-525-6400  
 Peter McLanghin, President  
 Private  
 Employees: 6  
 Services: Software, Prof. Serv.

**CHI/COR Information Management, Inc.**

10 South Riverside Plaza  
 Chicago, IL 60606  
 312-454-9670  
 Rick Effgen, President  
 Private  
 Total Sales FYE 06/86: \$1.0m Est.  
 Services: Software, Prof. Serv.

**CHI Corporation**

21111 Chargin Blvd.  
 Cleveland, OH 44122  
 216-229-6400  
 Private

# CAMS 1987

## Directory of Computer Services Companies

**CHI/Culler-Harrison Systems, Inc.**

100 Burns Place  
Goleta, CA 93117  
805-683-5631  
Private

**Chilton Corporation**

12606 Greenville Ave.  
Dallas, TX 75243  
214-699-6111  
Van A. Smith, President  
Public  
Total Sales FYE 03/84: \$68.5m  
Services: Processing, Turnkey

**Christensen Computer Company, Inc.**

1955 Shermer Road, Suite 100  
Northbrook, IL 60062  
312-480-0881  
Alan D. Christensen, CEO  
Private  
Total Sales FYE 01/86: \$1.0m Est.  
Services: Software, Prof. Serv., Turnkey

**Chuck Atkinson Programs**

Lake Benbrook Drive  
Fort Worth, TX 76126  
817-249-0166  
Private  
Services: Software

**Cibar, Inc.**

2864 South Circle Drive, Suite 200  
Colorado Springs, CO 80906  
303-579-9000  
Loren Shannon, President  
Private  
Total Sales FYE 12/86: \$5.0m  
Services: Prof. Serv.

**CIGNA Corporation**

One Logan Square  
Philadelphia, PA 19103  
215-557-5000  
Robert D. Kilpatrick, President  
Public

**SUBSIDIARIES/DIVISIONS:****Automatic Business Centers, Inc.**

Glen & Crider Avenues  
P.O. Box 826  
Morristown, NJ 08057  
609-235-1800  
G.F. Raymond, President  
Employees: 400  
Services: Processing

**Dyer, Wells and Associates, Inc.**

2251 Lake Park Dr.  
Smyrna, GA 30080  
404-432-5888  
Phillip H. Fauver, President  
Employees: 130  
Services: Software

**Cimarron**

See: Stardun, Inc.

**Cincinnati Bell, Inc.****SUBSIDIARIES/DIVISIONS:****Auxton Computer Enterprises, Inc.**

851 Trafalgar Ct., Suite 300 W.  
Maitland, FL 32751  
305-660-8400  
Ms. Cheryl K. Galloway, President  
Total Sales FYE 12/86: \$30.3m  
Services: Processing, Software, Prof. Serv.  
INPUT profile available

**Cincinnati Bell Information Systems, Inc.**

600 Vine Street  
Cincinnati, OH 45202  
513-784-5900  
John T. LaMacchia, President  
Total Sales FYE 12/86: \$55.0m  
Services: Processing, Software, Prof. Serv.

**Creative Management Systems, Inc.**

1500 Planning Research Drive  
McLean, VA 22102-5095  
703-556-2300  
William G. Carter, Jr., President  
Total Sales FYE 12/85: \$15.0m Est.  
Services: Processing, Software  
INPUT profile available

**Cincinnati Bell Information Systems, Inc.**

See: Cincinnati Bell, Inc.

**Cincom Systems, Inc.**

2300 Montana Avenue  
Cincinnati, OH 45211  
513-662-2300  
Thomas M. Nies, President  
Private  
Total Sales FYE 09/85: \$92.0m  
Services: Software  
INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**Cipherlink Corporation**

3232 Nebraska Ave.  
 Santa Monica, CA 90404  
 213-387-5371  
 Eric Lesim, President  
 Private  
 Total Sales FYE 12/85: \$1.5m Est.  
 Services: Software

**Circle Computer Services**

920 Remington Road  
 Schaumburg, IL 60195  
 312-884-2424  
 Joseph Conroy, President  
 Private  
 Employees: 50

**CISInetwork Corporation**

Named changed to: Proprietary Computer Systems

**Citicorp**

399 Park Avenue  
 New York, NY 10043  
 212-559-1000  
 John S. Reed, Chairman  
 Public

**SUBSIDIARIES/DIVISIONS:****Citicorp Information Resources**

75 Holly Hill Lane  
 Greenwich, CT 06830  
 203-625-7500  
 George Fugelsang, Chairman  
 Total Sales FYE 12/84: \$100.0m  
 Services: Processing, Software, Turnkey  
 INPUT profile available

**Quotron Systems, Inc.**

5454 Beethoven St.  
 Los Angeles, CA 90066  
 213-827-4600  
 Milton E. Mohr, President  
 Total Sales FYE 12/85: \$205.7m  
 Services: Processing  
 INPUT profile available

**Quadstar Corporation**

5220 Spring Valley Road  
 Dallas, TX 75240  
 214-980-9601  
 Jack Scott, President  
 Total Sales FYE 10/86: \$6.0m Est.  
 Services: Software  
 INPUT profile available

**Citicorp Information Resources**

See: Citicorp

**Citizens Financial Corporation**

7061 E. Pleasant Valley Road  
 Independence, OH 44131  
 216-447-1740  
 James P. Cozens, President  
 Private  
 Total Sales FYE 12/86: \$11.1m  
 Services: Processing  
 INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Champion Service Corporation**

19001 Villa View Road  
 Cleveland, OH 44119  
 216-692-3660  
 John R. Hall, President  
 Employees: 75  
 Services: Processing

**City National Bank****SUBSIDIARIES/DIVISIONS:****City National Information Systems**

1730 W. Olympic Boulevard  
 Los Angeles, CA 90015  
 213-480-7321  
 Donald L. Wyre, Senior VP  
 Total Sales FYE 12/85: \$44.7m  
 Services: Processing  
 INPUT profile available

**City National Information Systems**

See: City National Bank

**Clarity Software Corporation**

13276 Research Blvd., Suite 206  
 Austin, TX 78750  
 512-331-5356  
 James Deline, President  
 Private  
 Employees: 6  
 Services: Software

**CLAR-TEC Financial Systems, Inc.**

1690 Raymond Diehl Rd.  
 Tallahassee, FL 32308  
 904-385-8370  
 Thomas W. Clark, President  
 Private  
 Employees: 6  
 Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Classic Image, Inc.**

510 Rhode Island Avenue  
Cherry Hill, NJ 08002  
609-667-2526

Private

Services: Software

**Cleveland Consulting Associates**

23925 Commerce Park Rd.  
Cleveland, OH 44122  
216-831-0430

James C. Spira, President

Private

Employees: 100

Services: Software, Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****Plum Systems**

23925 Commerce Park Road  
Cleveland, OH 44122  
216-831-0430

James C. Spira, President

Total Sales FYE 11/86: \$2.5m Est.

Services: Software, Prof. Serv.

INPUT profile available

**Cliff Data Systems**

299 Broadway, Suite 1520  
New York, NY 10021  
212-619-5107

Paul H. Cohen, President

Private

Total Sales FYE 06/84: \$0.7m

Services: Software, Prof. Serv., Turnkey

**C & L Systems**

55 Peachtree Court  
Ridgewood, NJ 07450  
201-447-1454

Bob Combs, President

Private

Employees: 10

Services: Software, Turnkey

**C.L. Systems, Inc.**

1220 Washington St.  
W. Newton, MA 02165  
617-965-6310

Richard Goldberg, President

Private

Total Sales FYE 06/84: \$20.8m

Services: Turnkey

**C.M. Computers, Inc.**

15220 32nd Ave. South, Suite B  
Seattle, WA 98188  
206-241-1199

George W. Masterson, President

Private

Total Sales FYE 11/86: \$1.0m Est.

Services: Software, Prof. Serv., Turnkey

INPUT profile available

**CMD Systems International, Inc.**

8601 Dunwoody Place  
Atlanta, GA 30338  
404-587-0934

G. Pavloff, President

Private

Total Sales FYE 12/85: \$10.0m

**CMP Publications, Inc.**

111 East Shore Road  
Manhasset, NY 11030  
516-365-4600

Private

**CMS Management Consultants**

6121 Lakeside Drive, Suite 110  
Reno, NV 89511  
702-825-0712

G. Douglas Ball, President

Private

Total Sales FYE 12/84: \$0.5m

Services: Processing, Software, Prof. Serv.

**CMV Software Specialists, Inc.**

Box 176  
Hartford, SD 57033  
605-338-6645

Jae Mitchell, President

Private

**Coastal Information Systems, Inc.**

15643 Sherman Way, Suite 110  
Van Nuys, CA 91406-4195  
818-787-8222

Private

Total Sales FYE 12/85: \$1.2m Est.

Services: Software, Prof. Serv., Turnkey

**Cobrasoft, Inc.**

13543 Hawthorne, Suite 203  
Hawthorne, CA 90250  
213-644-1135

S.O. Rhynalds, President

Private

Total Sales FYE 10/85: \$1.0m Est.

Services: Processing, Software, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Code Writer**

5605 W. Howard  
Niles, IL 60648  
312-647-1270  
Warren Shore, President  
Private  
Total Sales FYE 03/84: \$2.5m  
Services: Software

**Cogitate, Inc.**

24000 Telegraph Road  
Southfield, MI 48034  
313-352-2345  
James G. Harlan, President  
Private  
Employees: 15  
Services: Software, Prof. Serv., Turnkey

**Cogito Data Systems, Inc.**

1101 State Road  
Princeton, NJ 08540  
609-924-7200  
Anthony J. DePaul, Chairman  
Private  
Total Sales FYE 10/85: \$11.5m  
Services: Processing, Turnkey  
INPUT profile available

**Cognitive Systems, Inc.**

234 Church Street  
New Haven, CT 06510  
203-773-0726  
Dr. David Fox, President  
Private  
Total Sales FYE 11/84: \$1.0m

**Cognos Incorporated**

275 Slater St., 10th Floor  
Ottawa, ON K1P5H  
613-237-1440  
Mike Potter, President  
Private  
Total Sales FYE 08/84: \$26.4m  
Services: Software, Prof. Serv.

**COIN Financial Systems**

5555 Oakbrook Parkway, Building 500  
Norcross, GA 30093  
404-447-6103  
Mark Singleton, President  
Private  
Total Sales FYE 07/85: \$22.5m  
Services: Turnkey  
INPUT profile available

**Cole-Layer-Trumble Company**

See: Day & Zimmerman

**Collier - Jackson, Inc.**

3707 W. Cherry St.  
Tampa, FL 33607  
813-872-9990  
Charles W. Jackson, President  
Private  
Total Sales FYE 12/85: \$12.5m  
Services: Software, Prof. Serv., Turnkey

**Colt Industries****SUBSIDIARIES/DIVISIONS:****Engler Vehicle Management Systems**

250 Culver Avenue  
Jersey City, NJ 07305  
201-332-5353  
Roger Marksherry, General Manager  
Employees: 200  
Services: Turnkey

**Columbia Computing Services**

1380 Burrard Street, Suite 600  
Vancouver, V6Z 2H3  
604-688-8501  
Private  
Services: Software

**Comarco, Inc.**

100 West Cerritos Ave.  
Anaheim, CA 92805  
714-535-2464  
Glenn D. Buell, Jr., President  
Public  
Total Sales FYE 12/84: \$29.6m  
Services: Processing, Prof. Serv., Turnkey

**Comdata Network, Inc.**

2209 Crestmoore Road  
P.O. Box 15822  
Nashville, TN 37215  
615-385-0400  
R. Lewis Jones, President  
Public  
Total Sales FYE 12/86: \$86.6m  
Services: Processing  
INPUT profile available

**Command Control & Communication Corp.**

Acquired by: Whittaker Corporation

**Command Data Systems**

6250 Village Parkway, #202  
Dublin, CA 94568  
415-828-7100  
Robert P. Varni, CEO  
Private  
Total Sales FYE 12/86: \$2.0m Est.  
Services: Software



# CAMS 1987

## Directory of Computer Services Companies

COM-COM

**Command Software Systems, Inc.**

31236 Ballard Road  
Malibu, CA 90265  
213-457-1789

Private

Services: Software

**Command Technology Corporation**

1900 Mountain Blvd.  
Oakland, CA 94611  
415-339-3530

Barry Patton, President

Private

Employees: 13

Services: Software

**Com-Med Division**

See: COMNET Corporation

**Commerce Clearing House, Inc.**

4025 West Paterson Ave.  
Chicago, IL 60646  
312-583-8500

Richard T. Merrill, President

Public

Total Sales FYE 12/86: \$519.4m

**Commercial Logic, Inc.**

Partridge House on Main Street  
Norwich, VT 05055  
802-649-1352

Private

Services: Turnkey

**Commercial On-Line Systems**

360 W. 31st Street  
New York, NY 10001  
212-564-3730

Zach Longstein, President

Private

**Commercial Resources**

400 S. Main St.  
Naperville, IL 60540  
312-357-1800

Alan Schuster, President

Private

Total Sales FYE 12/85: \$3.1m

Services: Processing, Software

**Commercial Software, Inc.**

370 Lexington Avenue  
New York, NY 10017  
212-557-0350

Anthony Abbott, President

Private

Total Sales FYE 12/86: \$2.0m Est.

Services: Software

**Commercial Systems Laboratories, Inc.**

459 N. Dean Road  
Auburn, IL 36830  
205-821-1133

L. Loker, President

Private

Employees: 20

**Communication Sciences, Inc.**

485 Route 1, Building A  
Iselin, NJ 08830

Herbert Lovit, Chairman of Board

Public

Employees: 60

**Communications Software, Inc.**

2388 Pleasantdale Road  
Atlanta, GA 30340  
404-448-5259

Mickey Benamy, President

Private

Total Sales FYE 11/86: \$0.5m Est.

Services: Software, Prof. Serv., Turnkey

INPUT profile available

**Communications Solutions, Inc.**

See: Control Data Corporation

**Communications Studies & Planning International**

24 E. 21st Street  
New York, NY  
212-505-2200

R. Michael Tyler, Chairman

Private

Total Sales FYE 12/84: \$5.0m Est.

Services: Prof. Serv.

**Communicator Assistance Systems, Inc.**

112 Sohler Road  
Beverly, MA 01915  
617-927-8144

Stephen Moland, President

Private

Employees: 7

Services: Software, Prof. Serv.

**COMNET Corporation**

5185 McArthur Blvd., N.W.  
Washington, DC 20016-3387  
202-537-2500

Robert S. Bowen, President

Public

Total Sales FYE 03/86: \$37.2m

Services: Processing, Software

INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:****Group 1 Software**

5185 MacArthur Blvd, N.W.  
 Washington, DC 20016-3387  
 202-532-2500  
 Ronald Friedman, President  
 Employees: 45  
 Services: Software

**Computer Network Division**

5185 MacArthur Blvd., N.W.  
 Washington, DC 20016  
 202-537-2500

**Com-Med Division**

5 West 34th Street  
 New York, NY 10001  
 212-947-1321

**Automated Image Management (AIM) Division**

3907 Herndon Parkway  
 Herndon, VA 22070  
 703-478-9410

**Ford Laboratories**

77 Moonachie Ave.  
 Moonachie, NJ 07074  
 201-935-0400

**Compass Software, Inc.**

335 Norwood Road  
 Downingtown, PA 19335  
 215-269-6412  
 Phil Carta, President  
 Private  
 Services: Software, Prof. Serv.

**Compco, Inc.**

5120 Paddock Village Court, Building A  
 Brentwood, TN 37027  
 615-373-3636  
 Gerald Quick, President  
 Private  
 Total Sales FYE 01/85: \$1.0m Est.  
 Services: Processing, Software

**Compinfo, Inc.**

1860 Broadway  
 New York, NY 10023  
 212-532-7777  
 Yirgos Athanassatos, President  
 Private  
 Total Sales FYE 03/86: \$5.0m  
 Services: Software, Prof. Serv., Turnkey

**Complete Computer Systems**

1800 Byberry Road, Suite 709  
 Huntingdon Valley, PA 19006  
 215-938-0190  
 Paul H. Plotnick, President  
 Private  
 Total Sales FYE 01/85: \$1.0m Est.

**Comprehensive Software**

2316 Artesia Blvd. Suite G  
 Redondo Beach, CA 90278  
 213-318-2561  
 Private  
 Services: Software

**Compro Financial Systems, Inc.**

6025 The Corners Parkway, Suite 200  
 Norcross, GA 30092  
 404-662-8754  
 Bill Berens, President  
 Private  
 Employees: 35  
 Services: Software, Prof. Serv.

**Compset**

Landmark II, Suite 102  
 Cherry Hill, NJ 08034  
 609-428-9890  
 Robert Maier, President  
 Private  
 Total Sales FYE 09/85: \$1.0m  
 Services: Processing, Software, Prof. Serv., Turnkey

**Comptek Research, Inc.**

110 Broadway  
 Buffalo, NY 14203  
 716-842-2700  
 William La Sala, President  
 Public  
 Total Sales FYE 03/87: \$34.5m  
 Services: Prof. Serv., Turnkey

**Comp-U-Card International, Inc.**

707 Summer St.  
 Stamford, CT 06901  
 203-324-9261  
 Walter A. Forbes, President  
 Public  
 Total Sales FYE 01/86: \$87.5m  
 Services: Processing

**Compucare, Inc.**

See: Baxter Travenol Laboratories, Inc.

**Comp-U-Check, Inc.**

See: OTF Equities, Inc.

# CAMS 1987

## Directory of Computer Services Companies

**Compucraft Systems Ltd.**

2740 Queensview Drive  
Ottawa, ON K2B8H6  
613-726-0004

Private

Services: Prof. Serv.

**Compydne, Inc.**

10 De Angelo Drive  
Bedford, MA 01730  
617-275-5760

Joel Searcy, President

Private

Employees: 8

Services: Processing, Software

**Compufact**

See: Computer Sciences Corporation

**Compugraphic Corporation**

200 Ballardvale St.  
Wilmington, MA 01887  
617-685-5600

Carl E. Dantas, President

Public

Total Sales FYE 12/86: \$341.0m

Services: Turnkey

**Compu-Link Corp.**

4000 N. Grand River Ave.  
Lansing, MI 48906  
517-323-4134

John LaRose, President

Private

Total Sales FYE 12/86: \$2.5m Est.

Services: Processing, Software

**CompuMed/Systemedics**

753 Boulevard  
Kenilworth, NJ 07033  
201-241-5563

Anthony Esposito, President

Private

**Compupower Corp.**

See: Bernhard Arnold & Company, Inc.

**CompuServe Incorporated**

See: H & R Block, Inc.

**Compu-Share, Inc.**

3824 50th Street  
Lubbock, TX 79413  
806-794-1400

Marvin Crossnoe, President

Private

Employees: 40

**Comp-u-Staff, Inc.**

One Investment Place  
Towson, MD 21264  
301-828-0788

Kathy Cornell, President

Private

Total Sales FYE 11/86: \$15.0m Est.

Services: Prof. Serv.

INPUT profile available

**COMPUTAB, Inc.**

702 S. Beretania St., 3rd Floor  
P.O. Box 3886  
Honolulu, HI 96813  
808-521-4734

Charles M. Harting, President

Private

Total Sales FYE 03/86: \$7.7m

Services: Processing, Prof. Serv.

INPUT profile available

**Computech**

See: Price-Waterhouse & Co.

**Computech Systems, Inc.**

1 Pine Street  
P.O. Box F  
Hankins, NY 12741  
914-887-4601

Private

Total Sales FYE 06/85: \$0.4m

Services: Software, Prof. Serv.

**Computer Aided Manufacturing  
- International, Inc. (CAM-I)**

611 Ryan Plaza Dr., Suite 1107  
Arlington, TX 76011  
817-860-1654

W.A. Carter, President

Private

Total Sales FYE 12/85: \$3.7m

Services: Prof. Serv.

**Computer Application Services, Inc.**

4772 Katella  
P.O. Box 1091  
Los Alamitos, CA 90720  
213-493-2411

Al Wilson, President

Private

Total Sales FYE 01/85: \$0.9m

Services: Software, Prof. Serv.

**Computer Applications, Inc.**

81-89 Church Street  
New Haven, CT 06510  
203-562-6230

Brin Ford, President

Private

Employees: 12

Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Computer Application Specialist**

8900 Shoal Creek Blvd.  
Austin, TX 78758  
512-453-3900  
E. Reynolds, President  
Private  
Total Sales FYE 09/84: \$3.0m Est.  
Services: Software, Prof. Serv., Turnkey

**Computer Applications Tomorrow**

24151 Telegraph Road  
Southfield, MI 48034  
313-356-1850  
Private

**Computer Assistance International, Inc.**

7 Lewis Street  
Harford, CT 06103  
203-246-0064  
Thomas P. McDonagh, Jr., President  
Private  
Total Sales FYE 11/85: \$24.6m  
Services: Processing, Software, Prof. Serv.

**Computer Associates International, Inc.**

711 Stewart Avenue  
Garden City, NY 11530-4787  
516-227-3300  
Charles B. Wang, CEO  
Public  
Total Sales FYE 03/87: \$309.3m  
Services: Software  
INPUT profile available

**Computer Associates International, Inc.**

2195 Fortune Drive  
San Jose, CA 95131  
408-942-1727  
Abe Potnanski, President  
Private  
Employees: 150  
Services: Software

**Computer Cognition**

6606 Mesa Ridge Road  
San Diego, CA 92121  
619-453-6660  
Mark Underwood, President  
Private  
Total Sales FYE 02/86: \$1.0m  
Services: Software  
INPUT profile available

**Computer Company (The)**

See: Consolidated Health Care

**Computer Compositions International**

16661 Ventura Blvd., Suite 425  
Encino, CA 91436  
213-986-5552  
Hans Bassoe, President  
Private  
Services: Turnkey

**Computer Concepts & Services, Inc.**

See: Business Records Corporation

**Computer Consoles, Inc.**

97 Homboldt St.  
Rochester, NY 14609  
716-482-5000  
John F. Cunningham, Chairman  
Public  
Total Sales FYE 12/86: \$129.6m  
Services: Turnkey  
INPUT profile available

**Computer Consulting Center, Inc. (The)**

575 Eighth Avenue, 19th Floor  
New York, NY 10018  
212-564-9088  
Private  
Employees: 18  
Services: Software, Prof. Serv.

**Computer Consulting & Conversions, Inc.**

214 Westfall Avenue  
King of Prussia, PA 19406-3653  
215-277-5505  
Private  
Employees: 16  
Services: Prof. Serv.

**Computer Corporation of America**

See: Crownx, Inc. CANADA

**Computer Cost Control Corporation**

See: ICC, Inc.

**Computer Covenant Corporation**

790 Farmington Avenue  
Farmington, CT 06032  
203-677-6563  
Private  
Employees: 5  
Services: Software

**Computercraft Services, Inc.**

1380 S. Santa Fe Drive  
Denver, CO 80223  
303-778-1122  
Gerald Lawson, President  
Private  
Employees: 10  
Services: Processing

# CAMS 1987

## Directory of Computer Services Companies

COM-COM

### Computer Curriculum Corporation

1070 Arastradero Rd.  
P.O. Box 10080  
Palo Alto, CA 94043-0812  
415-494-8450

Dr. Patrick Suppes, President

Private

Total Sales FYE 12/86: \$15.0m Est.

Services: Turnkey

INPUT profile available

### Computer Data Processing, Inc.

2307 Oak Lane  
P.O. Box 531259  
Grand Prairie, TX 75053  
214-263-4591

M.W. Procell, President

Private

Total Sales FYE 12/86: \$7.0m

Services: Processing

### Computer Data Systems, Inc.

One Curie Court  
Rockville, MD 20850  
301-921-7000

Clifford M. Kendall, President

Private

Total Sales FYE 06/86: \$54.6m

Services: Processing, Prof. Serv.

INPUT profile available

### Computer Development Inc.

6700 SW 105  
Beaverton, OR 97005  
503-646-1599

Private

### Computer Development Services, Inc.

1851 Dana Street  
Glendale, CA 91201  
818-500-0228

Private

Services: Software

### Computer Dynamics, Inc.

29792 Telegraph Rd.  
Southfield, MI 48034  
313-357-4200

Robert A. Jones, President

Private

Total Sales FYE 09/84: \$10.0m

Services: Prof. Serv.

### Computer Entry Systems Corporation

2120 Industrial Parkway  
Silver Spring, MA 20904  
301-622-3500

Michael J. King, President

Public

Total Sales FYE 12/86: \$72.6m

Services: Processing, Software, Prof. Serv., Turnkey

### Computer Financial Services

13425 N.E. 20th  
Bellevue, WA 98005  
206-746-2666

David Osterholt, President

Private

Employees: 5

Services: Prof. Serv.

### Computer Generation, Inc.

3301 Buckeye Road  
Atlanta, GA 30341  
404-458-2371

Jackie Ward, President

Private

Total Sales FYE 12/85: \$6.0m

### Computer Graphics of Arizona, Inc.

1331 E. McDonnell Road  
Phoenix, AZ 85006  
602-258-3242

Ronald L. Jensen, President

Private

Employees: 50

Services: Processing

### Computer Horizons Corporation

747 Third Avenue  
New York, NY 10017  
212-371-9600

John J. Cassese, President

Public

Total Sales FYE 02/87: \$58.5m

Services: Prof. Serv.

INPUT profile available

### Computer Identics Corporation

5 Shawmut Road  
Canton, MA 02021  
617-821-0830

David Collins, President

Public

Total Sales FYE 12/86: \$12.0m

Services: Turnkey

### Computer Information Systems

165 Bay State Drive  
Braintree, MA 02184  
617-848-7515

Howard Reisman, President

Private

Total Sales FYE 10/85: \$5.7m Est.

Services: Processing, Software, Turnkey

INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**Computer Innovations**

55 E. Jackson  
Chicago, IL 60654  
312-663-5930  
Jean Franz, President  
Private  
Total Sales FYE 12/86: \$2.0m Est.  
Services: Software

**Computer Input Corporation**

1840 South Elena  
Redondo Beach, CA 90277  
213-372-2177  
John Bradley, President  
Private  
Total Sales FYE 12/84: \$10.0m  
Services: Processing, Software

**Computer Intelligence Corporation**

See: Ziff-Davis Publishing

**Computer Interactive Computing, Inc.**

12517 Chandler Blvd.  
North Hollywood, CA 91607  
818-985-2680  
Jerry Buckley, President  
Private  
Total Sales FYE 06/86: \$5.0m Est.  
Services: Processing, Software, Prof. Serv., Turnkey

**Computerized Business Systems**

13490 Northwest 45th Avenue  
Miami, FL 33054  
305-685-8451  
Private

**Computerized Forms Management, Inc.**

880 N. York Rd  
Elmhurst, IL 60126  
312-530-1023  
Jerome S. Ward, President  
Private  
Employees: 12  
Services: Software

**Computerized Lodging Systems, Inc.**

4800 Airport Plaza Drive, Suite 160  
Long Beach, CA 90815  
213-421-2191  
David Berkus, President  
Private  
Total Sales FYE 12/86: \$6.0m Est.  
Services: Turnkey  
INPUT profile available

**Computerized Management Decisions, Inc.**

6535 E. 82nd Street, Suite 102  
Indianapolis, IN 46250  
317-842-3900  
Thomas Proctor, President  
Private

**Computerized Office Services, Inc. (COSI)**

313 N. First St.  
Ann Arbor, MI 48103  
313-665-8778  
Michael Wilens, President  
Public  
Total Sales FYE 06/85: \$1.2m  
Services: Software, Prof. Serv.

**Computer Language Research, Inc.**

2395 Midway Road  
Carrollton, TX 75006  
214-250-7000  
Stephen T. Winn, President  
Public  
Total Sales FYE 12/86: \$93.4m  
Services: Processing, Software, Turnkey  
INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Micro-Tax**

6203 Variel Avenue  
Woodland Hills, CA 91367  
818-704-7883  
Gary Damiano, President  
Employees: 25  
Services: Prof. Serv.

**Computer Library**

3225 Danny Parkway  
New Orleans, LA 70002  
504-455-5330  
Daniel A. Ellis, President  
Private  
Employees: 15  
Services: Prof. Serv.

**Computer Management Corporation**

Acquired by: Broadway & Seymour, Inc.

**Computer Market Services**

See: Harte-Hanks Communications, Inc.

**Computer Mart, Inc.**

1395 Main Street  
Waltham, MA 02154  
617-899-4540  
Charles Dunning, President  
Private  
Total Sales FYE 12/85: \$1.0m  
Services: Software, Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Computer Merchant, Ltd. (The)**

175 Derby Street, Unit 17  
Hingham, MA 02043  
617-749-4634

John R. Daniel, President

Private

Total Sales FYE 03/85: \$5.0m

Services: Software, Prof. Serv.

**Computer Modules, Inc.**

1190 Miraloma Way  
Sunnyvale, CA 94086  
408-737-7727

L. Zoltan, President

Private

Employees: 5

Services: Turnkey

**Computer Multiple Listing Service**

3212 Chichester Ln.  
Fairfax, VA 22031  
703-560-8350

Arthur F. Phiney, President

Private

Services: Software

**Computer Network Corporation**

Named changed to: COMNET Corporation

**Computer Network Division**

See: COMNET Corporation

**Computer Partners, Inc.**

Acquired by: Computer Sciences Corporation

**Computer Payroll Company**

633 Young Street  
Santa Clara, CA 92705  
714-557-8214

William M. Brunskill, President

Private

Employees: 33

Services: Processing, Prof. Serv.

**Computer Power, Inc.**

See: Chase Manhattan Bank

**Computer Processing Institute, Inc.**

809 Main St.  
E. Hartford, CT 06108  
203-528-3716

David Shefrin, President

Private

Total Sales FYE 12/84: \$15.0m

Services: Prof. Serv.

**Computer Publication Retailer**

322 Eighth Avenue  
New York, NY 10001  
212-620-7330

Private

**Computer Representatives, Inc.**

See: CRI, Inc.

**Computer Research, Inc.**

Cherrington Corporate Center, Building 1  
1700 Beaver Grade Road  
Pittsburgh, PA 15108-3104  
412-262-4430

James L. Schultz, President

Public

Total Sales FYE 08/86: \$9.1m

Services: Processing, Turnkey

**Computer Sciences Corporation**

2100 East Grand Avenue  
El Segundo, CA 90245  
213-615-0311

William R. Hoover, President

Public

Total Sales FYE 03/86: \$838.6m

Services: Processing, Prof. Serv.

INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Compufact**

7441 Lincoln Way, Suite 200  
Garden Grove, CA 92641  
714-891-6336

William Stroman, President

Total Sales FYE 12/85: \$4.0m

Services: Turnkey

**Computer Services Associates**

P.O. Box 13244  
Oakland, CA 94661  
415-834-5454

Donald Mulrey, President

Private

Total Sales FYE 10/86: \$0.2m

Services: Prof. Serv.

**Computer Services Company**

3010 Buchanan Street  
Wichita Falls, TX 76308  
817-696-3010

Leonard Chittum, Jr., President

Private

Total Sales FYE 12/84: \$0.5m

Services: Processing, Software, Turnkey



# CAMS 1987

## Directory of Computer Services Companies

**Computer Services, Inc.**

1301 Broadway  
Paduch, KY 42001  
502-442-7361

John A. Williams, President  
Public

Total Sales FYE 02/86: \$11.3m  
Services: Processing, Software

**Computer Software Consultants Inc.**

180 State Street  
Binghamton, NY 13901  
607-722-3538

Dallas T DeFee, President  
Private

Employees: 15  
Services: Prof. Serv.

**Computer Software Design**

1904 Wright Circle  
Anaheim, CA 92806  
714-634-9012

Michael Strong, President  
Private

Total Sales FYE 12/84: \$7.8m  
Services: Processing, Software

**Computer & Software Education Company**

214 Good Hill Road  
Weston, CT 06883  
215-878-2531

Private

**Computer Software for Professionals, Inc.**

1615 Broadway, Suite 308  
Oakland, CA 94612  
415-444-5316

Phil Rubin

Private

Total Sales FYE 06/85: \$1.0m  
Services: Software, Prof. Serv.

**Computer Support Services, Inc.**

38 N. Second Street, Box 500  
Lewisburg, PA 17837  
717-524-4424

David L. Cornelius  
Private

Total Sales FYE 10/85: \$1.0m

**Computer Synergy, Inc.**

Acquired by: Shared Medical Systems Corporation

**Computer Task Group, Inc.**

800 Delaware Ave.  
Buffalo, NY 14209  
716-882-8000

John P. Courtney, President  
Public

Total Sales FYE 12/86: \$143.4m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**Computer Technology Center**

1625 West Olympic Blvd.  
Los Angeles, CA 90015  
213-385-5118

Private

**Computer Technology Group**

310 South Michigan Avenue  
Chicago, IL 60604  
312-987-4084

Private

Services: Prof. Serv.

**Computer Technology, Inc.**

11101 N.E. 8th, Suite 238  
Bellevue, WA 98004  
206-455-1700

Dan E. Enslow, President

Private

Total Sales FYE 12/85: \$1.0m  
Services: Software, Prof. Serv.

**Computervision Corporation**

100 Crosby Drive  
Bedford, MA 01730  
617-275-1800

Robert L. Gable, President

Public

Total Sales FYE 12/86: \$494.7m

Services: Turnkey

INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Organization for Industrial Research, Inc.**

240 Bear Hill Rd.  
Waltham, MA 02154

617-890-4030

Bardwal Salmon, President

Employees: 50

Services: Turnkey

**Computerware**

P.O. Box 668  
Encinitas, CA 92024  
619-436-3512

Sue Searby, Vice President

Private



# CAMS 1987

## Directory of Computer Services Companies

### Computing Applications Software Technology (CAST)

5450 Katella Avenue, Suite 102  
Los Alamitos, CA 90720  
213-493-3536

John Clark, President

Private

Employees: 40

Services: Software, Prof. Serv.

### Computing Canada

211 Consumers Rd., Suite 302  
Willowdale, ON M2J4G8  
416-497-9562

Private

### Computing Technicians Corporation

13896 Harbor Blvd.  
Garden Grove, CA 92643  
714-554-1551

Richard V. Evans, President

Private

Employees: 9

Services: Software, Prof. Serv.

### Computone Systems Incorporated

One Dunwoody Park  
Atlanta, GA 30338  
404-393-3010

W.O. Robinson, President

Public

Total Sales FYE 05/86: \$83.0m

Services: Processing, Software

INPUT profile available

### Computoservice, Inc.

1315 Stadium Road  
Mankate, MN 56001  
507-625-1691

Robert Holzinger, President

Private

Total Sales FYE 12/85: \$4.0m

Services: Software

### CompuTrac, Inc.

222 Municipal Drive  
Richardson, TX 75080  
214-234-4241

Harry W. Margolis, President

Public

Total Sales FYE 01/86: \$8.1m

Services: Prof. Serv., Turnkey

INPUT profile available

### Computron Technologies Corp.

150 Meadowland Parkway  
Secaucus, NJ 07094  
201-865-8400

Private

### CompuView

1955 Pauline Blvd.  
Ann Arbor, MI 48103  
313-996-1299

Theodore Green, President

Private

Employees: 8

Services: Software

### Compuware Corporation

32100 Telegraph Road  
Birmingham, MI 48018  
313-540-0900

Lynn Drayton, President

Private

Total Sales FYE 03/85: \$49.0m

Services: Software, Prof. Serv.

### Comsell, Inc.

500 Tech Parkway  
Atlanta, GA 30313  
404-872-2500

Ben Dyer, President

Private

Total Sales FYE 12/85: \$9.2m Est.

Services: Processing

### Comserv Corporation

3400 Comserv Drive  
Eagan, MN 55122  
612-681-7000

Ms. Tanis Amochaev, President

Public

Total Sales FYE 12/86: \$24.0m

Services: Processing, Software, Prof. Serv.

INPUT profile available

### Comshare Inc.

3001 South State Street  
Ann Arbor, MI 48104  
313-994-4800

Richard L. Crandall, President

Public

Total Sales FYE 06/86: \$68.9m

Services: Processing, Software, Prof. Serv.

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### Comsul, Ltd.

417 Montgomery Street, Suite 301  
San Francisco, CA 94104  
415-989-6700

Peter Valentine, President

Private

Employees: 35

# CAMS 1987

## Directory of Computer Services Companies

**Comtech Systems, Inc.**

1105 Schrock Road, Suite 816  
Columbus, OH 43229  
614-431-2345

Thomas D. Wittkopt, President

Private

Total Sales FYE 12/85: \$8.0m Est.

Services: Prof. Serv.

**Comvestrix Corporation**

1501 Broadway  
New York, NY 10036  
212-869-0640

Joel Carton, President

Private

Total Sales FYE 12/85: \$10.1m

Services: Processing

**Concentric Data Systems, Inc.**

18 Lyman St.  
Westboro, MA 01581  
617-366-1122

John Henderson, President

Private

Total Sales FYE 09/85: \$1.6m Est.

Services: Software

**Concept Omega Corporation**

102 Old Camplain Road  
P.O. Box 1035  
Somerville, NJ 08876  
201-722-7790

John L. Johnson, President

Private

Employees: 75

Services: Software

**SUBSIDIARIES/DIVISIONS:****Thoroughbred Software**

102 Old Camplain Road  
P.O. Box 1035  
Somerville, NJ 08876  
201-722-9565

John L. Johnson, President

Total Sales FYE 11/86: \$6.0m Est.

Services: Software

**Concept Systems, Inc.**

1 Franklin Plaza, Suite 650  
Philadelphia, PA 19102  
215-563-1425

Joseph T. Apprendi, President

Private

Total Sales FYE 12/85: \$7.0m

Services: Turnkey

**Concord Data Systems, Inc.**

397 William Street  
Marlboro, MA 01752  
617-460-0808

Kenneth Miller, President

Private

Total Sales FYE 07/86: \$6.0m Est.

Services: Software

INPUT profile available

**Concord Management Systems, Inc.**

5301 W. Cypress  
Tampa, FL 33622  
800-851-1115

Floyd McCall, Chairman

Private

Total Sales FYE 06/85: \$15.0m

Services: Software, Turnkey

**Concourse Research**

9304 Forest Lane, Suite 117  
Dallas, TX 75243  
214-340-1831

Private

**Concurrent Computer Corporation**

15 Main Street  
Holmdel, NJ 07733  
201-946-8883

James Sims, President

Public

Total Sales FYE 07/86: \$244.8m

**Condor Computer Corporation**

2051 S. State St.  
Ann Arbor, MI 48104  
313-769-3988

Philip Ingebo, President

Private

Total Sales FYE 12/84: \$7.0m

Services: Software

**Conductor Software, Inc.**

5215 North O'Connor Blvd., Suite 200  
Williams Square of Las Colinas  
Irving, TX 75039  
214-869-9124

Patrick M. Sullivan, President

Private

Services: Software

**Conetic Systems, Inc.**

1470 Doolittle Drive  
San Leandro, CA 94577  
415-430-8875

Private

Employees: 40

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Conso Enterprises, Inc.**

888 Seventh Ave.  
New York, NY 10106  
201-561-2111

Seymour Altucher, President  
Private  
Services: Software

**Considine Computing Services**

490 Trapelo Road  
Belmont, MA 02178  
617-484-6814

Thomas Considine, President  
Private  
Employees: 16

**Consolidated Computer Corporation**

1180 Avenue of the Americas  
New York, NY 10036  
212-575-8240

Bob McGill, President  
Private  
Employees: 30

**Consolidated Health Care****SUBSIDIARIES/DIVISIONS:****Computer Company (The)**

1905 Westmoreland St.  
Richmond, VA 23230  
804-254-2200

Hubert D. Register, President  
Total Sales FYE 12/85: \$42.0m  
Services: Processing, Prof. Serv.  
INPUT profile available

**Consolidated Information Company**

177 Post Street, #908  
San Francisco, CA 94108  
415-433-5333

W. McDonald, Partner  
Private  
Employees: 6  
Services: Software

**Constell Group (The), Inc.**

216 Stelton Road  
Piscataway, NJ 08854  
201-968-9310

Private  
Employees: 125  
Services: Prof. Serv.

**Construction Data Control, Inc.**

6140 Northbelt Parkway, Suite A  
Norcross, GA 30071  
404-448-4722

John Geoffrey, President  
Private  
Total Sales FYE 12/85: \$2.0m Est.  
Services: Software

**Consultant Systems, Inc.**

3704 State Street, Suite 311  
Santa Barbara, CA 93105  
805-682-8927

Jim Yee, President  
Private  
Services: Software

**Consultec**

See: General American Life Insurance Co.

**Consulting Team Inc.**

1655 Palm Beach Lakes Blvd., Suite 200  
West Palm Beach, FL 33401  
305-478-0022

Private  
Employees: 17  
Services: Prof. Serv.

**Consumer Systems Corporation**

2 East 22nd St.  
Lombard Grove, IL 60148  
312-495-8822

Rayman Dionisio, President  
Private  
Total Sales FYE 12/86: \$0.6m  
Services: Software

**Contel Corporation**

245 Perimeter Center Parkway  
P.O. Box 105194  
Atlanta, GA 30346

404-391-8000  
John N. Lemasters, President  
Public  
Total Sales FYE 12/86: \$3073.0m  
Services: Processing, Software, Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****Contel Data Services Corporation**

245 Perimeter Center Parkway  
Atlanta, GA 30346  
404-391-8000

John N. Lemasters, President  
Services: Processing, Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Contel Information Systems, Inc.**

130 Steamboat Road  
Great Neck, NY 11024  
516-829-5900  
Dave Rubin, CEO  
Services: Prof. Serv.

**Contel Data Services Corporation**

See: Contel Corporation

**Contel Information Systems, Inc.**

See: Contel Corporation

**Context Management Systems**

23864 Hawthorne Blvd., Suite 101  
Torrance, CA 90505  
818-706-3141  
David Saykally, President  
Private

**Continental Data Processing, Inc.**

300 Laird Street  
P.O. Box 1385  
Wilkes-Barre, PA 18703  
717-824-9868  
Paul Gosick, President  
Private  
Total Sales FYE 12/85: \$1.4m  
Services: Processing, Turnkey

**Continental Software Company**

Acquired by: Arrays, Inc.

**Continuum Company, Inc. (The)**

3429 Executive Center Drive  
Austin, TX 78731-1676  
512-345-5700  
Ronald C. Carroll, President  
Public  
Total Sales FYE 03/87: \$58.2m  
Services: Processing, Software, Prof. Serv.  
INPUT profile available

**Contractors Management Systems**

1150 Sunset Hills Road, Suite 300  
Reston, VA 22090  
703-435-3172  
Scott Sloan, President  
Private  
Total Sales FYE 10/86: \$2.0m Est.  
Services: Software  
INPUT profile available

**Contrax Systems, Inc.**

3365 North Arlington Heights Road  
Arlington Heights, IL 60004  
312-870-1555  
Lawrence C. May, President  
Private  
Total Sales FYE 10/84: \$0.5m  
Services: Software, Prof. Serv., Turnkey

**Control Data Business Services Group**

See: Control Data Corporation

**Control Data Computer Systems and Services Group**

See: Control Data Corporation

**Control Data Corporation**

8100 34th Ave. South  
Minneapolis, MN 55420  
612-853-8100  
Robert M. Price, President  
Public  
Total Sales FYE 12/86: \$3346.0m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Control Data Business Services Group**

8100 34th Avenue South  
Minneapolis, MN 55440  
612-853-8100  
D.P. White, President

**Control Data Computer Systems and Services Group**

8100 34th Avenue South  
P.O. Box 0  
Minneapolis, MN 55440  
612-853-4013  
L.E. Jodsaas, President

**Communications Solutions, Inc.**

992 S. Saratoga-Sunnyvale Road  
San Jose, CA 95129  
408-725-1568  
Skip Vacceralb, President  
Employees: 30  
Services: Software, Prof. Serv.

**Convergent Business Systems, Inc.**

See: Convergent, Inc.

**Convergent, Inc.**

2700 North First Street  
San Jose, CA 95150

**SUBSIDIARIES/DIVISIONS:****Display Data Corporation**

Executive Plaza IV  
Hunt Valley, MD 21031  
301-771-9211  
C. Victor Meyer, President  
Total Sales FYE 08/84: \$36.5m  
Services: Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Dataline Corporation**

4 Danbury Road  
Wilton, CT 06897  
203-762-2473  
Hugh C. Bell, CEO  
Services: Turnkey

**Convergent Business Systems, Inc.**

2700 North First Street  
San Jose, CA 95150

**Open Systems, Inc.**

6477 City West Parkway  
Eden Prairie, MN 55344  
612-829-0011  
Services: Software

**Digital Systems, Inc.**

114 East Gregory  
Pensacola, FL 32501  
905-434-2685  
Services: Software

**Conversant Software Corporation****SUBSIDIARIES/DIVISIONS:****Creditware**

Two Energy Square  
4849 Greenville Ave, Suite 490  
Dallas, TX 75206  
214-696-4931  
Curtis Overstreet, President  
Services: Software

**Cook Data Services, Inc.**

6510 Abrams Rd., Suite 410  
Dallas, TX 75231  
214-341-7700  
David P. Cook, President  
Public  
Total Sales FYE 12/84: \$5.9m  
Services: Processing, Software

**Coopers & Lybrand**

1251 Avenue of the Americas  
New York, NY 10020  
212-903-3064  
Private  
Total Sales FYE 12/84: \$640.0m  
Services: Software, Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****Walter E. Ulrich Consultants**

2828 S. Loop West, Suite 450  
Houston, TX 77054  
713-666-5433  
Walter E. Ulrich, President  
Total Sales FYE 12/85: \$3.0m Est.  
Services: Prof. Serv.  
INPUT profile available

**Corbel & Co.**

6620 Southpoint Drive, South  
Jacksonville, FL 32216  
904-731-4455  
Larry Richter, Chairman  
Private  
Employees: 150  
Services: Processing

**Cordatum, Inc.**

4720 Montgomery Lane  
Bethesda, MD 20814  
301-652-5424  
Merle C. Garvis, President  
Public  
Total Sales FYE 12/86: \$1.0m  
Services: Software, Prof. Serv.

**Cordura Corporation**

2029 Century Park, East, Suite 3210  
Los Angeles, CA 90067  
213-553-4646  
Norman Friedman, CEO  
Private  
Total Sales FYE 12/85: \$53.4m  
Services: Software, Prof. Serv.

**Cornell Computer Corporation**

125 East Bethpage Road  
Plainview, NY 11803  
516-420-5900  
Jerome Gilbert, President  
Private  
Total Sales FYE 09/85: \$21.0m  
Services: Prof. Serv.  
INPUT profile available

**Cornwell, Robert Associates**

352 Evelyn Street  
Paramus, NJ 07652  
201-261-1050  
Robert Cornwell, Jr., President  
Private

**Corodale, Inc.**

Merged with: UCCEL Corporation

**Corporate Software, Inc.**

770 Dedham Street  
Canton, MA 02021  
617-821-2250  
Christopher Robert, President  
Private  
Total Sales FYE 12/84: \$16.9m  
Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Corporate Systems**

P.O. Box 31780  
Amarillo, TX 79120  
806-376-4223  
Guyon Sanders, President  
Private  
Total Sales FYE 12/85: \$13.5m  
Services: Processing, Prof. Serv.

**Corporate-TECH Planning, Inc.**

275 Wyman St.  
Waltham, MA 02154  
617-890-2600  
George O'Rourke, President  
Private  
Total Sales FYE 07/84: \$1.1m  
Services: Prof. Serv.

**Corstar Business Computing Company, Inc.**

1 Aqueduct Rd.  
White Plains, NY 10606  
914-428-5550  
John F. Sitar, President  
Private  
Total Sales FYE 12/84: \$8.0m  
Services: Prof. Serv., Turnkey

**CorSTAR, Inc.**

See: Teknekron Industries

**COSI, Inc.**

313 North First St.  
Ann Arbor, MI 48103  
313-665-8778  
Don DeSmith, President  
Private  
Employees: 80  
Services: Software, Prof. Serv.

**Cosmos Inc.**

19530 Pacific Highway South  
Seattle, WA 98188  
206-824-9942  
Private  
Services: Software

**Cosyde Corporation**

545 5th Avenue, Suite 1103  
New York, NY 10017  
212-953-1720  
Howard Radin, President  
Private  
Employees: 12  
Services: Software

**Courseware, Inc.**

10075 Carroll Canyon Road  
San Diego, CA 92131  
619-578-1700  
John J. Splavec, President  
Private  
Total Sales FYE 06/84: \$5.0m  
Services: Software, Prof. Serv.

**CRC Information Systems, Inc.**

435 Hudson St.  
New York, NY 10001  
212-620-5678  
Alvin L. Steinhart, President  
Private  
Total Sales FYE 03/84: \$6.0m  
Services: Processing, Prof. Serv.

**Creative Computing Company**

Acquired by: Computer Task Group, Inc.

**Creative Data Systems**

9300 W. 110th Street, Suite 150  
Overland Park, KS 66210  
913-451-4618  
Dunn E. Kroeger, President  
Private  
Total Sales FYE 12/84: \$1.8m  
Services: Software, Turnkey

**Creative Management Systems, Inc.**

See: Cincinnati Bell, Inc.

**Creative Processing Systems**

8800 Edgeworth Dr.  
Capitol Heights, MD 20743  
301-350-5600  
Phillip F. Sheats, President  
Private  
Total Sales FYE 02/85: \$9.0m  
Services: Processing

**Credit Card Software, Inc.**

The Spectrum Building  
900 Winderley Place  
Maitland, FL 32751  
305-660-0343  
Edward F. Hargroves, President  
Private  
Total Sales FYE 01/86: \$4.0m  
Services: Processing  
INPUT profile available

**Creditware**

See: Conversant Software Corporation

# CAMS 1987

## Directory of Computer Services Companies

**Crichlow Data Sciences Inc.**

15701 Brandwine Road  
Dumfries, VA 22026  
703-670-2040

Private

**CRI, Inc.****SUBSIDIARIES/DIVISIONS:****Computer Representatives, Inc.**

5333 Betsy Ross Drive  
P.O. Box 58004  
Santa Clara, CA 95052  
408-980-9898

Ronald L. Dowes, CEO  
Employees: 50  
Services: Software

**Crowntek Communications, Inc.**

See: Crownx, Inc. CANADA

**Crowntek, Inc.**

See: Crownx, Inc. CANADA

**Crownx, Inc. CANADA**

120 Bloor Street  
Toronto, ON M4W 1138  
416-928-7722

Public

**SUBSIDIARIES/DIVISIONS:****Computer Corporation of America**

Four Cambridge Center  
Cambridge, MA 02142  
617-492-8860

Ken Draeger, CEO

Total Sales FYE 12/85: \$40.0m

Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**Crowntek, Inc.**

3000 Steeles Avenue East  
Markham, LSR 4T9  
416-493-0800

Edward P. Cannon, President

Total Sales FYE 12/85: \$125.0m

Services: Processing, Software, Prof. Serv.  
INPUT profile available

**Crowntek Communications, Inc.**

650 McNicoll Ave.  
Willowdale, M2H 2E1  
416-499-1012

Services: Processing, Prof. Serv.

**CR Software, Inc.**

9508 Lee Highway, Suite C  
Fairfax, VA 22031  
703-273-5211

Warren Dedrick, President

Private

Total Sales FYE 06/85: \$2.0m Est.

Services: Software

**C-S Computer Systems, Inc.**

200 South Main Street  
Box 356  
Manville, NJ 08835  
201-526-9000

John E. Czerkies, President

Private

Employees: 12

Services: Processing, Software, Prof. Serv.

**CS Laboratories, Inc.**

P.O. Box 2871  
Auburn, AL 36831-2871  
205-821-1133

Ken Coker, President & CEO

Private

Employees: 24

Services: Software

**C & S Systems, Inc.**

P.O. Box 20843  
Birmingham, AL 35216  
205-979-7111

Leeland H. Cowart, President

Private

Total Sales FYE 12/85: \$0.8m Est.

Services: Software

**CTEC**

6862 Elm Street  
McLean, VA 22101  
703-556-7400

Edward H. Bernoff, President

Private

**C Tek Software, Inc.**

30 Rockefeller Plaza, Suite 4318  
New York, NY 10112  
212-246-7733

Robert L. Chambers, President

Private

Total Sales FYE 12/86: \$5.0m Est.

Services: Software, Prof. Serv.

**C & T Management Services**



# CAMS 1987

## Directory of Computer Services Companies

## SUBSIDIARIES/DIVISIONS:

**Data Processing & Accounting Services**

50 Van Ness Ave.  
San Francisco, CA 94102  
415-621-2888

Robert Tessler, President  
Total Sales FYE 01/86: \$6.3m  
Services: Processing

**Cullinet Software, Inc.**

400 Blue Hill Dr.  
Westwood, MA 02090  
617-329-7700

Robert N. Goldman, President  
Public  
Total Sales FYE 04/86: \$184.3m  
Services: Software  
INPUT profile available

**Culverin Corporation**

1440 Yankee Park Place  
Dayton, OH 45459  
513-435-2335

Eric T. Wagner, President  
Private  
Total Sales FYE 12/86: \$2.8m  
Services: Software, Prof. Serv.

**Custom Business Systems, Inc.**

P.O. Box 67  
Reedsport, OR 97467  
503-271-3684

Jerome Kenagy, President  
Private  
Total Sales FYE 11/85: \$1.0m Est.  
Services: Software

**Cutler-Williams**

2655 Villa Creek Drive, Suite 205  
Dallas, TX 75234  
214-243-3421

George Enochs, President  
Private  
Total Sales FYE 12/84: \$10.5m  
Services: Software, Prof. Serv.  
INPUT profile available

**Cway Software**

121 West Dekalb Pike  
King of Prussia, PA 19406  
215-265-4060

Private  
Services: Software

**C & W Incotel, Inc.**

See: Cable & Wireless ENGLAND

**CXI, Inc.**

3606 West Bayshore Road  
Palo Alto, CA 94303-4229  
415-424-0700

Louis Cole, President  
Private  
Employees: 75

**Cybernetics Resource Corporation**

275 Main St.  
Port Washington, NY 11050-2703  
516-883-7676

Thomas Bartha, President  
Private  
Employees: 6

**Cybernetics & Systems, Inc.**

550 Water St.  
Jacksonville, FL 32202  
904-359-1691

Jack N. Cooper, President  
Private  
Total Sales FYE 12/84: \$54.0m  
Services: Processing, Prof. Serv.  
INPUT profile available

**CYBERTEK Computer Products, Inc.**

6133 Bristol Parkway  
Culver City, CA 90230  
213-649-2450

Vaughn W. Morgan, President  
Public  
Total Sales FYE 03/87: \$25.9m  
Services: Processing, Software, Prof. Serv.  
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**Cyborg Systems, Inc.**

2 North Riverside Plaza  
Chicago, IL 60606  
312-454-1865

Michael D. Blair, President  
Private  
Total Sales FYE 02/85: \$7.0m  
Services: Software  
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**CyCare Systems, Inc.**

520 Dubuque Building  
P.O. Box 1278  
Dubuque, IA 52001

319-556-3131  
Jim H. Houtz, President  
Public  
Total Sales FYE 12/86: \$57.2m  
Services: Processing, Prof. Serv., Turnkey  
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# CAMS 1987

## Directory of Computer Services Companies

CYC-DAT

**Cycom Corporation**

3355 Richmond Rd.  
Beachwood, OH 44122  
216-831-7990

James G. Musser, Chairman

Private

Total Sales FYE 12/84: \$1.0m

Services: Turnkey

**CYGNA Communications**

1100 Milan, Suite 3845  
Houston, TX 77002  
713-650-3800

Private

Employees: 360

Services: Prof. Serv.

**Cygnat Technologies, Inc.**

Acquired by: McGraw-Hill, Inc.

**CYMA Corp.**

Acquired by: McGraw-Hill, Inc.

**Cymbol-Cybernetics Corporation**

169 Colonnade Road  
Ottawa Canada K2E 784,  
613-727-1880

Private

Employees: 45

**Cytrol, Inc.**

4620 W. 77th St.  
Edina, MN 55435  
612-835-4884

Roy J. Smith, President

Private

Total Sales FYE 12/85: \$7.2m

Services: Software, Prof. Serv.

**Dagar/Software Development Corp.**

649 Amity Road  
Bethany, CT 06525  
800-233-3711

Private

Services: Software

**Daisy Systems Corporation**

700 E. Middlefield Road  
Mountain View, CA 94039-7006  
415-960-0123

Harvey C. Jones, Jr., President

Public

Total Sales FYE 09/86: \$107.1m

Services: Turnkey

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**Dalgety, Inc.**

3055 Fairview Way  
San Mateo, CA 94402  
415-572-8000

Peter Gardner, President

Private

Total Sales FYE 06/84: \$0.5m Est.

Services: Prof. Serv.

**Daly & Wolcott**

P.O. Box 1509  
East Greenwich, RI 02818  
401-823-8400

Terrance Daly, President

Public

**DAMA Telecommunications Corporation**

169 Johnson Road  
Parsippany, NJ 07054  
201-898-9300

Thomas E. McInerney, President

Private

Total Sales FYE 12/85: \$4.5m Est.

**DARCOR**

4405 N. 10 Service Road  
Metairie, LA 70002  
504-888-6297

Private

**Dash Group, Inc.**

P.O. Box 8666  
Reading, PA 19603  
215-372-4500

Elaine Rick, President

Private

**Dastra America, Inc.**

976 North Lemon Street  
Orange, CA 92667  
714-633-2275

Private

Services: Software

**Data 3 Systems, Inc.**

P.O. Box 441  
Santa Rosa, CA 95402  
707-528-6560

Richard C. Anderson, President

Private

Total Sales FYE 06/86: \$12.0m Est.

Services: Software

INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**Data Access Corporation**

8525 S.W. 129th Terrace  
Miami, FL 33156  
305-238-0012  
Charles Casanave, Sr., CEO  
Private  
Total Sales FYE 12/86: \$5.0m Est.  
Services: Software  
INPUT profile available

**Data Architects, Inc.**

245 Winter Street  
Waltham, MA 02154  
617-890-7730  
Norman Zachary, President  
Public  
Total Sales FYE 11/86: \$27.1m  
Services: Software, Prof. Serv.  
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**SUBSIDIARIES/DIVISIONS:****Banking Decision Systems**

245 Winter Street  
Waltham, MA 02154  
617-890-0535  
David Gilbert, President  
Employees: 28  
Services: Software

**Data Automation**

125 W. Mission Avenue, Suite 202  
Escondido, CA 92025  
619-743-3334  
Richard Hackworth, President  
Private  
Total Sales FYE 12/85: \$0.4m Est.  
Services: Software

**Databar Corporation**

10202 Cross Town Circle  
Eden Prairie, MN 55344  
612-944-5700  
Private

**Database Design, Inc.**

Named changed to: KnowledgeWare, Inc.

**Data Base Management, Inc.**

1100 High Ridge Rd.  
Stamford, CT 06905  
203-322-4681  
William Schmidt, President  
Private  
Total Sales FYE 12/84: \$8.0m  
Services: Software, Prof. Serv.

**Database Technology Corporation**

21 N. Skokie Highway, Suite G-6  
Lake Bluff, IL 60044  
312-295-7590  
Raymond Hirth, President  
Private  
Employees: 10  
Services: Software

**Datability Software Systems, Inc.**

322 8th Avenue  
New York City, NY 10001  
212-807-7800  
Ron Howard, President  
Private  
Employees: 30  
Services: Software

**Databill, Inc.**

See: American Physicians Service Group, Inc.

**Data Card**

11111 Bren Road West  
Minneapolis, MN  
612-933-1223  
Private

**SUBSIDIARIES/DIVISIONS:****Datatrol Corporation**

Brent Drive  
Hudson, MA 01749  
617-568-1411  
Ed Langley, President  
Total Sales FYE 06/86: \$25.0m Est.  
Services: Turnkey

**Datacare, Inc.**

2602 Franklin Road, S.W.  
Roanoke, VA 24014  
703-981-9200  
C. David Kirk, President  
Private  
Total Sales FYE 09/84: \$13.0m  
Services: Processing, Software, Prof. Serv.

**Data Communications Corporation**

3000 Directors Row  
Memphis, TN 38131  
901-348-3400  
James L. Thornton, President  
Private  
Services: Software  
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# CAMS 1987

## Directory of Computer Services Companies

**Datacomp Corporation**

925 Chestnut St.  
Philadelphia, PA 19107  
215-627-2400  
Joe DiAngelo, President  
Private  
Total Sales FYE 12/85: \$16.2m  
Services: Processing  
INPUT profile available

**Data Computing Corporation**

229 Baldwin Rd.  
Hempstead, NY 11551  
516-481-7344  
Charles Kornheiser, President  
Private  
Total Sales FYE 06/84: \$1.9m  
Services: Processing

**DataCom Systems Corp.**

See: Lockheed Corporation

**Data Consultants, Inc.**

See: Lawgasser Brothers, Inc.

**Data Control Corporation**

16119 Kittridge St  
Van Nuys, CA 91406  
818-909-7000  
J Dale Debber, CEO  
Private  
Employees: 35  
Services: Processing, Software

**Datacopy Corporation**

1215 Terra Bella Avenue  
Mountain View, CA 94043  
415-965-7900  
Rolando Estevearena, President  
Public  
Total Sales FYE 12/86: \$7.6m  
Services: Turnkey

**Datacorp Business Systems, Inc.**

Sun Office Building  
2830 Euclid Ave., 3rd Floor  
Cleveland, OH 44092  
216-731-8000  
Richard E. Taton, President  
Private  
Total Sales FYE 01/85: \$3.0m Est.  
Services: Software, Prof. Serv.

**Datacount Corporation**

19320 Van Ness Ave.  
Torrance, CA 90501  
213-775-3645  
Y.H. Rutenberg, President  
Private  
Total Sales FYE 12/85: \$5.5m  
Services: Processing

**Datacrown, Inc.**

Named changed to: Crowntek Communications, Inc.

**Data Design Associates, Inc.**

1279 Oakmead Parkway  
Sunnyvale, CA 94086  
408-730-0100  
David D. Lowry, President  
Private  
Total Sales FYE 03/85: \$10.8m  
Services: Software  
INPUT profile available

**DataEase International, Inc.**

12 Cambridge Drive  
Trumbull, CT 06611  
203-374-8000  
Arun Gupta, President  
Private  
Total Sales FYE 06/86: \$10.0m Est.  
Services: Software

**Data Flow, Inc.**

3193 Tech Dr. North  
St. Petersburg, FL 33702  
813-228-8126  
Martin Sullivan, Chairman  
Private  
Total Sales FYE 12/84: \$1.1m  
Services: Processing, Software

**Data Force, Inc.**

Acquired by: Computer Task Group, Inc.

**Data General Corporation**

4400 Computer Dr.  
Westboro, MA 01580  
617-366-8911  
Edson D. de Castro, President  
Public  
Total Sales FYE 09/86: \$1268.0m  
Services: Software, Prof. Serv., Turnkey

**DatagraphiX, Inc.**

See: General Dynamics Corporation

**Data Group Corporation (The)**

80 Hayden Avenue  
Lexington, MA 02173  
617-863-0400  
Al Atkinson, President  
Private

**Datagroup, Ltd.**

7250 N. Cicero  
Lincolnwood, IL 60466  
312-675-1620  
Judy Mack, President  
Private  
Employees: 15

# CAMS 1987

## Directory of Computer Services Companies

**Data, Inc.**

Named changed to: Data Group Corporation (The)

**Data Kinetics**

97 Norman Street  
Ottawa, K1S 3K5  
613-238-6709  
Private  
Services: Software

**Data Language Corporation**

47 Manning Road  
Billerica, MA 01821  
617-663-5000  
Joseph W. Alsop, President  
Private  
Total Sales FYE 12/85: \$2.5m Est.  
Services: Software  
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**Data Law Company**

6341 S. Troy Circle, Suite E  
Englewood, CO 80111  
303-790-8193  
William J. Eggert, President  
Public  
Total Sales FYE 12/85: \$1.3m  
Services: Software

**Datalex, Inc.**

650 Fifth St., Suite 406  
San Francisco, CA 94107  
415-541-0780  
John J. Tibbets, President  
Private  
Total Sales FYE 10/85: \$1.0m  
Services: Software  
INPUT profile available

**Datalift Corporation**

2960 San Pablo Avenue  
Berkeley, CA 94701  
415-548-0575  
Robert McGowan, President  
Private  
Total Sales FYE 12/86: \$3.0m Est.  
Services: Processing  
INPUT profile available

**Dataline Corporation**

See: Convergent, Inc.

**Datalink Systems, Inc.**

See: Carlton Financial Systems

**Datalogics**

325 W. Huron  
Chicago, IL 60610  
312-266-4444  
S. Brown, President  
Private  
Employees: 100  
Services: Prof. Serv.

**Data Management Systems**

Independence Park  
Hyannis, MA 02601  
617-771-0661  
David H. Brewster, CEO  
Private  
Total Sales FYE 10/86: \$3.0m Est.  
Services: Processing  
INPUT profile available

**Datamap, Inc.**

6874 Washington Avenue, South  
Eden Prairie, MN 55344  
612-941-0900  
John Grimaldi, President  
Private  
Total Sales FYE 06/86: \$0.5m Est.  
Services: Processing  
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**Datamate Co.**

4135 S. 100th East Avenue, Suite 128  
Tulsa, OK 74146  
918-664-7276  
Brad Jensen, President  
Private  
Employees: 9  
Services: Software

**DataMed Systems Corporation**

Named changed to: Data Systems, Inc.

**Data Mension**

615 Academy Drive  
Northbrook, IL 60062  
312-564-5060  
Private

**Datametrics Systems Corporation**

5270 Lyngate Ct.  
Burke, VA 22015  
703-385-8677  
Dr. John Kelly  
Private  
Employees: 15  
Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

DAT-DAT

**Data Networking Services**

St Louis, MO  
Private

**Dataplex Company**

9030 North Freeway  
Houston, TX  
713-448-4046  
Bob Raulins, CEO  
Private  
Employees: 7

**Dataplotting Services Inc.**

See: BP Resources

**Data Processing & Accounting Services**

See: C & T Management Services

**Data Processing Center, Inc.**

3920 Howard Ave.  
New Orleans, LA 70125  
504-821-6165  
John Pepperman, President  
Private  
Total Sales FYE 10/84: \$0.5m  
Services: Processing

**Data Processing Services, Inc.**

5875 Castle Creek Pkwy N Dr, #136  
Indianapolis, IN 46250-4308  
317-872-3800  
Daniel Barrow, President  
Private  
Employees: 25  
Services: Processing

**Data Processing Support Corporation**

809 Gleneagles Ct., Suite 213  
Towson, MD 21204  
301-321-8444  
Steven R. Engorn, President  
Private  
Total Sales FYE 10/85: \$1.2m  
Services: Prof. Serv.

**Data Relationships Software, Inc.**

239 Fourth Ave., Investment Bldg, 712-A  
PGH., PA 15222  
412-391-0453  
James Carson, Vice President  
Private  
Services: Software

**Data Securities International, Inc.**

633 3rd Avenue  
New York, NY 10163  
212-682-9668  
Private  
Services: Prof. Serv.

**Data Sources**

20 Brace Road  
Cherry Hill, NJ 08034  
609-429-2100  
Private

**Data Support Corporation**

431 McCormack  
San Leandro, CA 94577  
415-638-1206  
Private

**Data Systems Corporation**

8827 Staples Mill Rd.  
Richmond, VA 23228  
804-264-7300  
A. Paul Cox, Jr., President  
Private  
Total Sales FYE 07/86: \$12.0m Est.  
Services: Processing, Prof. Serv., Turnkey

**Data Systems for Industry**

3942 Cerritos Ave.  
Los Alamitos, CA 90720-2475  
213-493-4541  
Don Whipple, President  
Private  
Total Sales FYE 06/86: \$6.0m Est.  
Services: Software, Prof. Serv., Turnkey  
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**Data Systems, Inc.**

7334 Topinga Canyon  
Canoga Park, CA  
818-887-3300  
Private

**Data Systems, Inc.**

975 S.E. Sandy Boulevard  
Portland, OR 97214  
503-233-5126  
William F. Holdner, President  
Private

**Data Systems, Inc.**

1 Plaza West  
Danbury, CT 06811  
203-790-9900  
David F. Conrad, CEO  
Private  
Total Sales FYE 12/86: \$2.3m Est.  
Services: Software, Turnkey

**Data Systems Of North Florida, Inc.**

808 NW 23 Ave  
PO Box 12665  
Gainesville, FL 32604  
904-373-6166  
Carey V Jones, President  
Private  
Total Sales FYE 12/85: \$0.4m  
Services: Processing, Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Datatab, Inc.**

770 Broadway  
New York, NY 10003  
212-475-7800  
Yitchak N. Bachana, President  
Public  
Total Sales FYE 12/86: \$5.0m  
Services: Processing

**Data-Tax, Inc.**

710 East Ogden Ave., Suite 110  
Naperville, IL 60540  
312-369-2414  
Richard Stvan, President  
Private  
Employees: 8  
Services: Software

**Data-Tek Corp.**

1211 Chestnut Street, Suite 400  
Philadelphia, PA 19107  
215-564-4133  
H. Gus Mechals, President  
Private  
Total Sales FYE 12/84: \$2.0m

**Datatel Inc.**

3700 Mount Vernon Ave.  
Alexandria, VA 22305  
703-549-4300  
Tom Davidson, President  
Private  
Total Sales FYE 12/86: \$9.0m Est.  
Services: Software, Turnkey

**DataTen Corporation**

15560 Rockfield Blvd.  
Irvine, CA 92718  
714-859-1529  
Edward Allen, President  
Private  
Total Sales FYE 10/85: \$3.0m  
Services: Processing, Software  
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**Data Times**

818 N.W. 63rd Street  
Oklahoma City, OK 73116  
405-843-7323  
Allen Paschal, Vice President  
Private  
Employees: 30  
Services: Processing

**DataTrak, Inc.**

1700 Sterlin Road  
Mountain View, CA  
415-967-3911  
Richard Jaenictce, President  
Private  
Employees: 20  
Services: Software

**Data Translation, Inc.**

100 Locke Drive  
Marlboro, MA 01752  
617-481-3700  
Fred Molinari, President  
Private  
Employees: 150

**Datatrol Corporation**

See: Data Card

**Data-Tronics Corporation**

See: Arkansas Best Corporation

**Data Works Corporation**

5752 Oberlin Drive  
San Diego, CA 92121  
619-457-3070  
Harold Kosakoff, President  
Private  
Total Sales FYE 05/85: \$4.2m  
Services: Processing, Software, Prof. Serv., Turnkey

**Datronics, Inc.**

675 Third Avenue  
New York, NY 10017  
212-867-0800  
Erwin Kaplan, President  
Private  
Total Sales FYE 09/84: \$13.5m  
Services: Prof. Serv.

**David Corporation**

See: Beaver Pacific Corporation

**Davidson & Associates, Inc**

6069 Groveoak Place, #12  
Rancho Palos Verdes, CA 90274  
213-373-0971  
Dr. Jan Davidson, President  
Private  
Employees: 18  
Services: Software

**Davis, Thomas and Associates**

8800 Highway 7, Suite 301  
Minneapolis, MN 55426  
612-938-7669  
A. Gordon Thomas, President  
Private  
Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Dawson Geophysical Co.**

208 South Marienfeld  
Midland, TX 79701  
915-682-7356  
L. Decker Dawson, President  
Public  
Total Sales FYE 09/86: \$7.3m  
Services: Processing

**Dayflo, Inc.**

17701 Mitchell Avenue  
Irvine, CA 92714-6028  
714-474-1364  
Steve Magidson, President  
Private  
Services: Software

**Day & Zimmerman**

1818 Market Street  
Philadelphia, PA 19103  
215-299-8000  
Private

**SUBSIDIARIES/DIVISIONS:****Cole-Layer-Trumble Company**

3199 Klepinger Road  
Dayton, OH 45406  
513-276-5261  
Melvin Trumble, President  
Total Sales FYE 12/84: \$25.0m  
Services: Software, Prof. Serv.

**DBA Systems, Inc.**

1135 West Nasa Blvd.  
P.O. Drawer 550  
Melbourne, FL 32901-1823  
305-725-3711  
Howard N. Hebert, President  
Public  
Total Sales FYE 06/86: \$74.3m  
Services: Prof. Serv.

**D&B Computing Services, Inc.**

See: Dun & Bradstreet Corporation (The)

**DBI Software Products**

One Energy Place  
5805 E. Pickard Road  
Mt. Pleasant, MI 48858-2510  
517-772-5055  
Private  
Employees: 5

**DBMS, Inc.**

1801 Mill St.  
Naperville, IL 60540  
312-961-5700  
Andrew J. Filipowski, President  
Private  
Total Sales FYE 08/84: \$16.0m  
Services: Software, Prof. Serv.

**DBSI Information Systems**

25431 Cabot Road, Suite 110  
Laguna Hills, CA 92653  
714-837-3744  
Tim Bunn, President  
Private  
Services: Software, Prof. Serv., Turnkey

**Decision Consultants Inc.**

24901 Northwestern Highway, Suite 502  
Southfield, MI 48075  
313-352-8650  
Jack Krasula, President  
Private  
Total Sales FYE 12/84: \$7.0m  
Services: Prof. Serv.

**Decision Data Computer Corporation**

See: Decision Industry Corporation

**Decision Focus, Inc.**

5 Palo Alto Square, Suite 410  
Palo Alto, CA 94303  
415-494-7721  
Dean W. Boyd, President  
Private  
Total Sales FYE 12/85: \$6.0m

**Decision Industry Corporation**

400 Horsham Road  
Horsham, PA 19044  
215-674-3300  
Private

**SUBSIDIARIES/DIVISIONS:****Decision Data Computer Corporation**

1450 Fashion Island Blvd.  
San Mateo, CA 94404  
415-574-5424

**Decision Point, Inc.**

9434 Fairview  
Boise, ID 83704  
208-322-4900  
Larry Chase, President  
Private  
Employees: 10  
Services: Software



# CAMS 1987

## Directory of Computer Services Companies

**Decision Resources, Inc.**

See: Ashton-Tate

**Decisions Development, Inc.**

115 East Ninth Street, Suite 16R  
New York, NY 10003  
212-254-8405

Donald C. Holmes, President

Private

Employees: 6

Services: Software

**Decision Strategy Corporation**

708 Third Avenue  
New York, NY 10017  
212-599-4700

David Saykally, President

Private

Employees: 80

**DecisionWare, Inc.**

2033 Wood Street, Suite 218  
Sarasota, FL 33577  
813-952-9211

Private

Services: Software

**Deeresoft, Inc.**

P.O. Box 1360  
Melbourne, FL 32902  
305-768-2477

Roy Deere, President

Private

Employees: 6

Services: Software

**De Faro Software Systems, Inc.**

725 5th St., Suite #4  
Hermosa Beach, CA 90254  
213-318-1661

Malcolm J. Pick, Exexecutive Director

Private

Services: Software, Prof. Serv.

**Deijon, Inc.**

163 East Union Avenue  
East Rutherford, NJ 07073  
201-460-7576

Private

**Deloitte, Haskins & Sells**

1114 Avenue of the Americas  
New York, NY 10036  
212-790-0500

Mike Cook, CEO

Private

Total Sales FYE 12/84: \$1015.0m

Services: Prof. Serv.

**Delphi Information Sciences Corporation**

2800 28th Street  
Suite 205  
Santa Monica, CA 90405  
213-453-7575

Michael Hoffman, President

Private

Total Sales FYE 12/84: \$5.0m

Services: Turnkey

**Delphi Information Systems, Inc.**

31416 West Agoura Road  
Westlake Village, CA 91361-4672  
818-706-8989

Richard R. Janssen, President

Public

Total Sales FYE 03/87: \$22.3m

Services: Turnkey

**Delphi Systems, Inc.**

Named changed to: Delphi Information Systems, Inc.

**Deltacom Incorporated**

1200 Bustleton Pike  
Feasterville, PA 19047

Private

**Deltak**

1751 Diehl Rd.  
Naperville, IL 60540  
312-369-3000

Harry Gaines, President

Public

Total Sales FYE 12/84: \$69.0m

Services: Software, Prof. Serv.

**Delta Technology International, Inc.**

1621 Westgate Road  
Eau Claire, WI 54703  
715-832-7575

Private

Services: Software

**DELTEK Systems, Inc.**

8320 Old Courthouse Rd., Suite 405  
Vienna, VA 22180  
703-734-8606

Donald deLaski, President

Private

Employees: 15

Services: Software

**Deluxe Check Printers, Inc.**

1080 W. County Road F  
Saint Paul, MN 55112  
612-483-7111

Private



# CAMS 1987

## Directory of Computer Services Companies

DEL-DIG

**SUBSIDIARIES/DIVISIONS:****Deluxe Data Systems, Inc.**

8901 North Kildeer Court  
Brown Deer, WI 53209  
414-357-2700

Alan G. Brown, President

Total Sales FYE 12/85: \$25.7m

Services: Processing, Software, Prof. Serv.

**Deluxe Data Systems, Inc.**

See: Deluxe Check Printers, Inc.

**Design and Programming Services, Inc.**

6105 West St. Joseph

Lansing, MI 48917

517-321-8778

Art Noven, Principal

Private

Total Sales FYE 03/86: \$3.0m Est.

Services: Software, Prof. Serv.

**Designed Applications**

P.O. Box 2335

Columbia, MD 21046

301-490-3121

D. Joseph Lazor, President

Private

Employees: 5

Services: Software

**DesignWare**

See: Britannica Learning Corporation

**Desk Top Financial Solutions, Inc.**

407 Main Street

Spotswood, NJ 08884

201-251-7191

Paul A. Tava, President

Private

Total Sales FYE 12/85: \$0.4m

Services: Software

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**development systems international**

13107 Ventura Blvd., Suite 205

Studio City, CA 91604

818-788-4240

Norman H. Carter, President

Private

Total Sales FYE 05/86: \$0.3m Est.

Services: Prof. Serv.

**DGC, Inc.**

1450 Preston Forest Square

Dallas, TX 75230

214-991-4044

David Greenblatt, President

Private

Total Sales FYE 12/85: \$1.0m

**Dialcom, Inc.**

See: British Telecom

**DIALOG Information Services, Inc.**

See: Lockheed Corporation

**Dialogue, Inc.**

19 Rector Street, 13th Floor

New York, NY 10006

212-425-2665

Arthur I. Stern, President

Private

Total Sales FYE 04/84: \$1.0m Est.

Services: Processing, Software

**Diebold Group (The)**

475 Park Avenue South

New York, NY 10016

212-684-4700

John Diebold, Chairman

Private

**Digicon Inc.**

3701 Kirby Drive

Houston, TX 77098

713-526-5611

Edward R. Prince, Jr., President

Public

Total Sales FYE 07/86: \$113.7m

Services: Processing, Turnkey

INPUT profile available

**Digraphic Systems Corporation**

7277 Flying Cloud Drive

Eden Prairie, MN 55344-1952

612-944-6383

Donald E. Roepke, President

Public

Total Sales FYE 12/85: \$19.7m

**SUBSIDIARIES/DIVISIONS:****JobTrak Systems, Inc.**

7269 Flying Cloud Drive

Eden Prairie, MN 55344

612-829-0337

Donald E. Roepke, President

Employees: 10

Services: Software

**DIGINETICS, Inc.**

7500 Jefferson St., N.E., Courtyard 1

Albuquerque, NM 87109

505-825-1234

Mr. Dana Wood, President

Private

Total Sales FYE 12/86: \$2.0m

Services: Turnkey

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# CAMS 1987

## Directory of Computer Services Companies

**Digital Communications Associates, Inc.**

100 Alderman Drive  
 Alpharetta, GA 30201  
 404-442-4000  
 Bertil Nordine, President  
 Public  
 Total Sales FYE 06/86: \$137.9m

**Digital Design & Development, Inc.**

Stone Street Industrial Park  
 P.O. Box 225  
 Walpole, MA 02081  
 617-668-1090  
 Stanley F. Zamkow, President  
 Private  
 Employees: 5  
 Services: Prof. Serv., Turnkey

**Digital Equipment Corporation**

146 Main Street  
 Maynard, MA 01754  
 617-493-5350  
 Kenneth H. Olsen, President  
 Public  
 Total Sales FYE 06/86: \$7590.4m  
 Services: Software, Prof. Serv.

**Digital Information Systems Corporation**

11070 White Rock Road, #210  
 Ranch Cordova, CA 95670-6001  
 916-638-8355  
 Jim Blackburn, President  
 Private

**Digital Learning Systems, Inc.**

4 Century Drive  
 Parsippany, NJ 07054  
 201-538-6640  
 Robert Stoeber, President  
 Private  
 Total Sales FYE 12/86: \$2.0m Est.  
 Services: Software  
 INPUT profile available

**Digital Management Group, Ltd.**

4800 Yonge Street  
 Willow Dale, ON M2N 6G5  
 416-225-7788  
 John Dightam, President  
 Private  
 Total Sales FYE 05/85: \$1.0m Est.  
 Services: Software, Prof. Serv.

**Digital Microsystems**

80 Swan Way, #225  
 Oakland, CA 94621-1426  
 415-638-2223  
 John Torode, President  
 Private

**Digital Release**

1201-A Solano Avenue  
 Albany, CA 94706  
 415-525-3015  
 Private

**Digital Research, Inc.**

60 Garden Court  
 P.O. Box DRI  
 Monterey, CA 93942  
 408-649-3896  
 R.H. Williams, President  
 Private  
 Total Sales FYE 08/85: \$35.0m  
 Services: Software, Turnkey  
 INPUT profile available

**Digital Systems, Inc.**

See: Convergent, Inc.

**Dimis, Inc.**

1806 Highway 35  
 P.O. Box 2293  
 Ocean, NJ 07712  
 201-531-2300  
 Bentley J. Cooper, President  
 Public  
 Total Sales FYE 12/86: \$1.2m  
 Services: Software

**Direct Aid**

P.O. Box 4420  
 Boulder, CO 80306  
 303-442-8080  
 Edgar Bright III, CEO  
 Private  
 Services: Software

**DirecTech, Inc.**

11600 Nebel Street  
 Rockville, MD 20852  
 301-881-0664  
 Thomas Martin, President  
 Private  
 Total Sales FYE 06/86: \$1.0m Est.  
 Services: Processing, Software, Prof. Serv., Turnkey  
 INPUT profile available

**DISC, Inc.**

See: AGS Computers, Inc.

# CAMS 1987

## Directory of Computer Services Companies

DIS-DMW

**Disclosure**

5161 River Road  
Bethesda, MD 20816  
301-951-1300

Philip Hixon, President  
Private

Employees: 250  
Services: Processing

**DIS Corporation**

288 W. Kellogg Rd.  
Bellingham, WA 98226  
206-733-7610

Bob Brim, Chairman  
Private

Total Sales FYE 03/86: \$15.0m  
Services: Prof. Serv., Turnkey

**Dispensa-Matic**

1335 Convention Plaza  
St. Louis, MO 63103  
800-325-7303

Private

**Display Data Corporation**

See: Convergent, Inc.

**Distek****SUBSIDIARIES/DIVISIONS:****Soft Core International, Inc.**

229 Huber Village Blvd.  
Westerville, OH 43081  
614-267-3109

Jeff Coopersmith, President  
Services: Software, Prof. Serv.

**Distributed Planning Systems Corporation**

23632 Calabasas Road, Suite 107  
Calabasas, CA 91302  
818-992-4447

Bruce Gall, President  
Private

Total Sales FYE 06/85: \$0.8m  
Services: Software

**Distribution Management Systems, Inc.**

81 Hartwell Avenue  
Lexington, MA 02173  
617-863-5000

Robert K. Weiler, President  
Private

Total Sales FYE 09/86: \$13.0m  
Services: Software  
INPUT profile available

**Distribution Management Systems, Inc.**

427 Naugatuck Ave.  
Milford, CT 06460  
203-874-6019

Joseph Greene, President  
Private

Employees: 10  
Services: Software, Prof. Serv., Turnkey

**Distribution Sciences, Inc.**

1350 E. Touhy Avenue, Suite 300W  
Des Plaines, IL 60018  
312-635-0200

Steve R. Smith, President  
Private

Total Sales FYE 11/86: \$3.0m Est.  
Services: Processing, Software  
INPUT profile available

**Diversified Data Systems, Inc.**

2601 N. Fairview Avenue  
Tucson, AR 85705  
602-792-3250

Don Wyatt, President  
Private

Total Sales FYE 01/84: \$0.9m  
Services: Software, Prof. Serv.

**DLM Teaching Resources**

One Dlm Park  
Allen, TX 75002  
214-248-6300

Private

**DMR & Associates Ltd.**

1200 Miguel College Avenue, Suite 700  
Montreal, QB H3B4G  
514-866-3301

Pierre Ducros, President  
Private

Total Sales FYE 05/85: \$58.0m Est.  
Services: Prof. Serv.

**DMW Group (The), Inc.**

2020 Hogback Road  
Ann Arbor, MI 48104  
313-971-5234

Dr. Dixon Doll, President  
Private

Total Sales FYE 12/85: \$6.0m  
Services: Software, Prof. Serv.

**Documentation Resources, Inc.**

Acquired by: Computer Task Group, Inc.

# CAMS 1987

## Directory of Computer Services Companies

**Dorsett Educational Systems, Inc.**

Box 1226  
Norman, OK 73070  
405-288-2301  
Lloyd Dorsett, President  
Public  
Employees: 12  
Services: Software

**Double Gold Software**

4010 Moor Park Avenue, Suite 207  
San Jose, CA 95117  
408-554-9135  
Private

**Dow Jones & Company, Inc.**

200 Liberty Street  
New York, NY 10281  
212-416-2000  
Ray Shaw, President  
Public

**SUBSIDIARIES/DIVISIONS:****Dow Jones Information Services Group**

P.O. Box 300  
Princeton, NJ 08540  
609-452-2000

William L. Dunn, President  
Total Sales FYE 12/85: \$102.2m  
Services: Processing, Software

**Dow Jones Information Services Group**

See: Dow Jones & Company, Inc.

**D-Pict**

Acquired by: Pansophic Systems, Inc.

**Dragon Systems, Inc.**

Chapel Bridge Park  
55 Chapel Street  
Newton, MA 02158  
617-965-5200

Janet Baker, President  
Private  
Employees: 15  
Services: Software

**Dr. Dobb's Journal**

Box E  
Menlo Park, CA 94025  
415-323-3111  
Private

**DSD Corporation**

10632 N.E. 37th Circle  
P.O. Box 2669  
Kirkland, WA 98083  
206-822-2252

Theresa Christianson, President  
Private  
Employees: 15  
Services: Software

**DSI Data Spectrum**

1191 Morris Avenue  
Union, NJ 07083  
201-686-4015

James W. Silk, President  
Private  
Total Sales FYE 08/85: \$0.7m  
Services: Software, Prof. Serv.

**D & S Systems, Inc.**

2875 Whitten Road  
P.O. Box 341045  
Memphis, TN 38134  
901-382-3920

R. Frank Sylves, President  
Private  
Employees: 15  
Services: Processing, Software, Prof. Serv., Turnkey

**DST Systems, Inc.**

1004 Baltimore  
Kansas City, MO 64105  
816-474-8520

Robert L. Govid, President  
Public  
Total Sales FYE 12/86: \$100.2m  
Services: Processing

**DTSS Incorporated**

See: Metropolitan Life Insurance Company

**Ducommun Electronics Group**

10824 Hope Street  
Cypress, CA 90630  
800-338-8811

Private

**Dun & Bradstreet Corporation (The)**

299 Park Avenue  
New York, NY 10171  
212-503-6800

Robert E. Weissman, President  
Public  
Total Sales FYE 12/86: \$3113.5m

# CAMS 1987

## Directory of Computer Services Companies

ERI-DYN

**SUBSIDIARIES/DIVISIONS:****Erisco, Inc.**

1700 Broadway  
New York, NY 10019  
212-765-8500

Thomas A. Barrea, Chairman

Total Sales FYE 12/86: \$22.0m Est.

Services: Processing, Software

**Focus Research Systems, Inc.**

342 N. Main St.  
W. Hartford, CO 06117  
203-561-1047

Gerald C. Chichester, Chairman

Total Sales FYE 12/84: \$3.5m

Services: Prof. Serv.

**Neodata Services**

833 West South Boulder Road  
Louisville, CO 80027  
303-666-7000

Kurt J. Burghardt, President

Employees: 250

Services: Processing

**Petroleum Information Corporation**

4100 E. Dry Creek Road  
Littleton, CO 80122  
303-740-7100

Robert G. Harston, President

Services: Processing

**McCormack & Dodge Corporation**

1225 Worcester Rd.  
Natick, MA 01760  
617-655-8200

Frank H. Dodge, President

Services: Software

**D&B Computing Services, Inc.**

187 Danbury Road  
Wilton, CT 06897  
203-762-2511

David S. Fehr, President

Services: Processing

**A.C. Nielsen Company**

Nielsen Plaza  
Northbrook, IL 60062  
312-498-6300

N. Eugene Harden, President

**Zytron Corporation**

2200 Sand Hill Road  
Menlo Park, CA 94026  
415-854-2306

Richard P. Hoberg, President

Services: Processing

**Duquesne Systems, Inc.**

Two Allegheny Center  
Pittsburgh, PA 15212  
412-323-2600

Glen F. Chatfield, President

Public

Total Sales FYE 09/86: \$24.2m

Services: Software

INPUT profile available

**DVC Industries, Inc.**

1440 Fifth Avenue  
Bay Shore, NY 11706  
516-968-8500

Private

**DYATRON Corporation**

210 Automation Way  
P.O. Box 235  
Birmingham, AL 35201  
205-956-7500

Charles E. Rueve, President

Public

Total Sales FYE 12/86: \$33.1m

Services: Processing, Software, Prof. Serv., Turnkey

INPUT profile available

**Dyer, Wells and Associates, Inc.**

See: CIGNA Corporation

**Dylakor**

See: Sterling Software, Inc.

**Dynacomp, Inc.**

1064 Gravel Road  
Webster, NY 14580  
716-671-6160

Alph Ruckduschoe, President

Private

Services: Software

**Dyna, Inc.****SUBSIDIARIES/DIVISIONS:****Cellular Pay Phone, Inc.**

234 West Willow Street  
Chicago, IL 60614  
312-664-2100

Martin Cooper, Chairman

Total Sales FYE 11/86: \$0.3m Est.

**Subscriber Computing, Inc.**

17151 Newhope St., Suite 210  
Fountain Valley, CA 92708  
714-662-5876

Martin Cooper, Chairman

Employees: 8

Services: Software, Turnkey

INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**Dynalectron Corporation**

1313 Dolly Madison Blvd.  
McLean, VA 22101  
703-356-0480

Daniel R. Bannister, President  
Public

Total Sales FYE 12/86: \$749.0m  
Services: Prof. Serv.

**Dynamic Control Corporation**

See: Baxter Travenol Laboratories, Inc.

**Dynamic Microprocessor Associates, Inc.**

545 5th Avenue, Suite 1103  
New York, NY 10017  
212-687-7115

Lee Roth, President  
Private

Employees: 10  
Services: Software

**Dynamics Research Corporation**

60 Concord Street  
Wilmington, MA 01887  
617-658 6100

John S. Anderegg, Jr., President  
Public

Total Sales FYE 12/86: \$75.2m  
Services: Processing, Prof. Serv.

**Dynamic Time Systems, Inc.**

150 W. 1230 North, Suite 2  
Provo, UT 84604  
801-377-9154

W. Richard Horton, President  
Private

Employees: 30  
Services: Turnkey

**Dynatax Systems, Inc.**

Acquired by: Interactive Financial Services, Inc.

**Dynaware**

1309-114th S.E., Suite 316  
Bellevue, WA 98004  
206-451-3000

Private  
Services: Software

**Dynax Resources, Inc.**

2 Jericho Plaza, 2nd Floor  
Jericho, NY 11753  
516-484-1144

Elaine Schnee, President  
Private

Total Sales FYE 12/86: \$2.5m  
Services: Prof. Serv.

**Eagle Software, Inc.**

P.O. Box 16  
Salina, KS 67402  
913-823-7257

Private

**Eagle Software Publishing, Inc.**

993 Old Eagle School Road, Suite 405  
Wayne, PA 19087

215-964-8660

Private

**Eastern Design Co., Inc.**

30 Glenn Street  
White Plains, NY 10603  
914-948-7600

Kurt Hurst, CEO

Private  
Services: Prof. Serv.

**Eastern Software Products**

4804 Tarpon Lane  
Alexandria, VA 22309  
703-360-6942

Private

**Eastern States Bankcard Associates**

4 Ohio Drive  
Lake Success, NY 11042  
516-488-1500

Ronald R. Eppley, Jr., President  
Private

Total Sales FYE 03/84: \$46.4m  
Services: Processing

**EBS Data Processing Inc.**

8480 East Orchard Road  
Engelwood, CO 80111  
303-773-1313

Harold R. Ochs, General Partner  
Public

**ECAD, Inc.**

2455 Augustine Drive  
Santa Clara, CA 95054  
408-727-0264

Glen Antle, President  
Private

Total Sales FYE 12/86: \$16.6m  
Services: Software, Prof. Serv.

**ECOM Systems, Inc.**

2500 Mount Morial Road, Suite 245  
Memphis, TN 38115  
901-794-5501

Mr. Bewayne Bolton, President  
Private

Employees: 50  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

ECO-ELE

**Economica, Inc.**

2067 Massachusetts Avenue  
Cambridge, MA 02140  
617-661-3260

A. Blackburn, President

Private

Employees: 30

Services: Software, Prof. Serv.

**Economic Science Corporation**

2150 Shattuck Avenue  
Berkeley, CA 94704  
415-841-6869

Bill Roberts, President

Private

Employees: 16

Services: Software, Prof. Serv.

**Edgewood Systems**

213 Elm Street  
Pittsburgh, PA 15218  
412-371-9951

Private

Employees: 6

Services: Software, Prof. Serv.

**EDI, Inc.**

19630 Clubhouse Road, Suite 725  
Gaithersburg, MD 20879  
301-621-7480

Joseph Carley, Jr., President

Private

Total Sales FYE 12/86: \$6.5m Est.

**EDP Systems, Inc.**

4900 N. Portland  
Oklahoma City, OK 73112  
405-943-3818

Ted Johnston, President

Private

Total Sales FYE 09/85: \$1.0m

Services: Processing, Software, Turnkey

**EEO Computer Inc.**

See: EEOC Incorporated

**EEOC Computer, Inc.**

1441 E. Chestnut Ave  
PO Box 859  
Santa Ana, CA 92702-0659  
714-853-6000

Private

**EEOC, Incorporated**

1600 E. Chestnut  
Santa Ana, CA 92702-0659  
714-853-6000

**Effective Management Systems, Inc.**

12000 W. Park Place  
Milwaukee, WI 53224  
414-359-9800

Michael Dunham, President

Private

Total Sales FYE 06/86: \$8.0m Est.

Services: Turnkey

INPUT profile available

**EGT, Inc.**

11011 Richmond, Suite 700  
Houston, TX 77042  
713-266-0000

Private

Total Sales FYE 09/85: \$5.0m Est.

Services: Software, Prof. Serv., Turnkey

**ELCOMP Systems, Inc.**

661 Anderson Drive  
Foster Plaza VII  
Pittsburgh, PA 15220  
412-937-0690

Ami Ellis, President

Private

Total Sales FYE 10/86: \$3.0m Est.

Services: Software, Prof. Serv.

INPUT profile available

**Electrocon International Incorporated**

611 Church Street  
Ann Arbor, MI 48103  
313-761-8612

Private

Services: Software

**Electronic Banking Systems**

Acquired by: MTech

**Electronic Business**

221 Columbus Avenue  
Boston, MA 02116  
617-536-7780

Private

**Electronic Catalog, Inc.**

317 E. San Rafael  
Colorado Springs, CO 80903  
303-577-4050

Warren Frush, President

Private

Employees: 12

Services: Processing

**Electronic Data Systems Corporation**

See: General Motors Corporation



# CAMS 1987

## Directory of Computer Services Companies

**Electronic Processors, Limited (EPL)**

1225 Fifth Avenue, North  
Birmingham, AL 35203  
205-325-3939  
Robert Altmar, President  
Private  
Employees: 60  
Services: Processing, Software

**Electronic Tabulating Corporation**

Named changed to: TLS Company

**Elite Data Processing**

5757 Wilshire  
Los Angeles, CA 90036  
213-937-5060  
Alan Rich, President  
Private  
Employees: 15  
Services: Software, Turnkey

**Elke Corporation**

P.O. Box 41915  
Minneapolis, MN 55447-0915  
612-559-9394  
Robert Nelson, President  
Private  
Total Sales FYE 11/86: \$0.2m Est.  
Services: Software, Prof. Serv.  
INPUT profile available

**EMA Technologies**

480 Cedar Street, Hanover Building  
St. Paul, MN 55101  
612-298-1992  
Alan W. Manning, President  
Private  
Total Sales FYE 12/86: \$8.3m  
Services: Software, Prof. Serv.

**Emerging Technology Consultants, Inc.**

4760 Walnut Street  
Boulder, CO 80301  
303-447-9495  
Ivan Perez-Mendez, President  
Private  
Total Sales FYE 12/84: \$1.0m Est.  
Services: Software

**Emhart Corporation**

426 Colt Highway  
Farmington, CT 06032  
203-678-3000  
William C. Lichtenfels, President  
Public

**SUBSIDIARIES/DIVISIONS:****Planning Research Corporation**

1500 Planning Research Drive  
McLean, VA 22102  
703-556-1000  
Wayne Shelton, President  
Total Sales FYE 06/86: \$388.8m  
Services: Processing, Prof. Serv., Turnkey  
INPUT profile available

**Endata, Inc.**

50 Vantage Way  
Nashville, TN 37228  
615-244-0244  
Julius M. Dziak, President  
Public  
Total Sales FYE 12/86: \$38.4m  
Services: Processing, Software, Turnkey

**Enercom, Inc.**

See: Equifax Inc.

**Energy, Inc.**

One Energy Drive  
P.O. Box 736  
Idaho Falls, ID 83402  
208-529-1000  
William V. Botts, President  
Private  
Total Sales FYE 09/85: \$29.2m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**Enertronics Research, Inc.**

150 N. Meramec Street, Suite 207  
St. Louis, MO 63105  
314-421-2771  
Steve Andes, President  
Private  
Employees: 35  
Services: Software

**Engler Vehicle Management Systems**

See: Colt Industries

**Enigma Logic**

P.O. Box 3005  
Concord, CA 94552  
415-827-5707  
Private

**ENIX Corporation**

See: National Intergraph



# CAMS 1987

## Directory of Computer Services Companies

ENV-ERI

### Environmental Systems Research Institute

380 New York Street  
Redlands, CA 92373  
714-793-2853

Jack Dangermond, President  
Private

Total Sales FYE 12/84: \$12.0m  
Services: Software, Prof. Serv., Turnkey

### Environmental Treatment & Technologies Corp.

16406 U.S. Route 224 East  
P.O. Box 551  
Findlay, OH 45839-0551  
419-423-3526

Public

### Envoy Corporation

565 Marriott Drive  
Highland Ridge Office Center  
Nashville, TN 37210  
615-885-3700

Fred C. Goad, President  
Private

Total Sales FYE 06/85: \$5.5m  
Services: Processing  
INPUT profile available

### Envoy Systems Corporation

1432 Main Street  
Waltham, MA 02154  
617-890-1444

Kermit L. Stofor, President  
Private

Total Sales FYE 12/86: \$1.0m Est.  
Services: Turnkey

### Epsilon Data Management, Inc.

50 Cambridge St.  
Burlington, MA 01803  
617-273-0250

Thomas O. Jones, President  
Public

Total Sales FYE 05/86: \$53.2m  
Services: Processing

### EPS, Inc.

Acquired by: Thorn EMI Computer Software

### Equatorial Communications

300 Ferguson Drive  
Mountain View, CA 94043  
415-969-9500

Edwin B. Parton, President  
Public

Total Sales FYE 12/86: \$50.9m

### Equifax Inc.

1600 Peachtree St. N.W.  
Atlanta, GA 30309  
404-885-8000

J.V. White, President  
Public

Total Sales FYE 12/85: \$566.6m  
Services: Processing, Turnkey  
INPUT profile available

### SUBSIDIARIES/DIVISIONS:

#### Enercom, Inc.

6115 South Kyrene Road  
Tempe, AZ 85283  
404-255-0663

R.L. Boscamp, President

#### Equifax Services Inc.

1600 Peachtree Street, N.W.  
Atlanta, GA 30302  
404-885-8000

D.F. Walsh, President

#### Equifax Services Inc.

See: Equifax Inc.

#### ERC International, Inc.

2070 Chain Bridge Road, Suite 400  
Vienna, VA 22180  
703-246-0200

Jack Aalseth, President  
Public

Total Sales FYE 12/85: \$32.0m  
Services: Software, Prof. Serv.

### SUBSIDIARIES/DIVISIONS:

#### InterCAD Corporation

2525 Riva Road  
Annapolis, MD 21401  
301-261-8530

Charles O. Heller, President

Total Sales FYE 12/84: \$1.0m Est.

#### ERCO

See: Anacomp, Inc.

#### Erdman, Anthony and Associates, Inc.

See: AGS Computers, Inc.

#### Eric Software Publishing

1713 Tulane, Suite 107  
Fresno, CA 93721  
209-237-0989

Private

#### Erisco, Inc.

See: Dun & Bradstreet Corporation (The)

# CAMS 1987

## Directory of Computer Services Companies

**Ernst & Whinney**

2000 National City Center  
Cleveland, OH 44114  
216-861-5000  
Ray Groves, Chairman  
Private  
Total Sales FYE 09/84: \$689.0m  
Services: Software, Prof. Serv.

**Erwin Software Company**

400 Sherburn Road, Suite 439  
Louisville, KY 40207  
502-895-5346  
Donald C. Erwin, President  
Private  
Employees: 6  
Services: Processing, Software

**Escom, Inc.**

10502 N.E. 37th Circle  
Kirkland, WA 98033-7920  
206-828-0995  
Mr. Terry Lijjett, President  
Private  
Employees: 14  
Services: Software

**Essex Corporation**

333 North Fairfax  
Alexandria, VA 22314  
703-548-4500  
Public  
Total Sales FYE 12/86: \$22.9m  
Services: Prof. Serv.

**Esvel, Inc.**

Acquired by: Cullinet Software, Inc.

**Evaluation & Planning Systems, Inc.**

Acquired by: Thorn EMI Computer Software

**Evans, Griffiths & Hart, Inc.**

55 Waltham Street  
Lexington, MA 02173  
617-861-0670  
Dr. Thomas G. Evans, President  
Private  
Total Sales FYE 12/85: \$1.5m

**Evans Newton, Inc.**

7650 E. Redfield Road  
Scottsdale, AZ  
602-998-2777  
Lloyd C. Ferguson, President  
Private  
Total Sales FYE 05/85: \$1.0m Est.  
Services: Software

**Evans & Sutherland**

580 Arapsee Dr.  
Salt Lake City, UT 84108  
801-582-5847  
David C. Evans, President  
Public  
Total Sales FYE 12/86: \$109.0m  
Services: Software, Turnkey

**Evergreen Consulting, Inc.**

200 N. Maryland, Suite 301  
Glendale, CA 91206  
818-241-8894  
Joh Wilson, President  
Private  
Employees: 5  
Services: Software, Prof. Serv.

**Evolution Computing**

437 South 48th Street, Suite 106  
Tempe, AZ 85281  
602-967-8633  
Private  
Services: Software

**EWDP Software, Inc.**

P.O. Box 40283  
Indianapolis, IN  
317-872-8799  
Private  
Services: Software

**Exact Systems & Programming Corporation**

P.O. Box 115  
Thornwood, NY 10594-0115  
914-285-9444  
Mr. Oswald, President  
Private  
Services: Software

**Excalibur Sources, Inc.**

P.O. Box 467220  
Atlanta, GA 30346  
404-956-8373  
Private  
Services: Software

**Excalibur Systems, Inc.**

1512 East Katella Avenue  
Anaheim, CA 92805  
714-385-1211  
Edward W. Kirchner, President  
Private  
Employees: 5  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

EXE-EXS

**Execucomp, Inc.**

620 S. Belmont Avenue  
P.O. Box 24428  
Indianapolis, ID 46204  
317-639-2289

Dick Briney

Private

Employees: 10

Services: Software

**Execucom Systems Corporation**

See: Travelers/Diebold Technology Company, Inc.

**Execucom Systems, Inc.**

9442 Capitol of Texas Highway North  
Arboretum Plaza One  
Austin, TX 78759  
512-346-4980

Private

**Execu-Flow Systems, Inc.**

2013 Morris Avenue  
Union, NJ 07083  
201-851-0750

Michael J. Custode, President

Private

Total Sales FYE 03/85: \$1.0m Est.

Services: Processing, Software, Prof. Serv., Turnkey

**Executive Automated Systems**

1919 Veterans Memorial Blvd., Suite 106  
Kenner, LA 70026  
504-469-9977

Private

**Executive Data Systems**

P.O. Box 45049  
Houston, TX 77245  
713-437-8913

Private

Services: Software

**Executive Data Systems, Inc.**

1845 The Exchange  
Atlanta, GA 30339  
404-955-3374

Private

Services: Software

**Executive Solution Systems, Inc.**

25231 Paseo De Alicia, Suite 105  
Laguna Hills, CA 92653  
714-770-5142

Robert Allen Smith, President

Private

Services: Software, Prof. Serv.

**Executive Systems, Inc.**

4833 Rugby Avenue  
Bethesda, MD 20014  
301-656-1001

Donald C. Weymer, President

Private

Employees: 40

**Executive Technology Data Systems**

34405 Twelve Mile Road, Suite 200  
Farmington Hills, MI 48018  
313-553-6665

Bill Marker, President

Private

Services: Software

**Experience In Software**

2039 Shattuck Avenue, Suite 401  
Berkeley, CA 94704  
415-644-0694

Private

Services: Software

**Expertelligence, Inc.**

559 San Isidro Road  
Santa Barbara, CA 93108  
805-969-7874

John Forge, Executive VP

Public

Total Sales FYE 09/86: \$0.9m

Services: Software, Prof. Serv.

**Expert Software Products**

100 Taverly Drive  
Williamsville, NY 14221  
716-688-5403

John Kassah, President

Private

Services: Software

**Expert Systems, Inc.**

868 West End Avenue, Suite 3A  
New York, NY 10025  
212-662-7206

Private

**Exsys, Inc.**

126 56th Street, Tower 56  
New York, NY 10022  
212-752-2112

Rodger Nixon, President

Private

Employees: 25

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Exter Software, Ltd.**

160 Turnpike Road  
Chelmsford, MA 01824  
617-250-1274

Private

Employees: 50

Services: Software

**EZWare Corporation**

29 Bala Avenue  
P.O. Box 620  
Bala Cynwyd, PA 19004  
215-667-4064

Rob Gerritsen, President

Private

Employees: 15

**Factorial Systems, Inc.**

3305 Northland Drive, Suite 305  
Austin, TX 78731-4940  
512-467-2423

Bill Balczak, President

Private

Total Sales FYE 12/86: \$1.5m Est.

Services: Software, Prof. Serv.

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**Facts & Management Systems, Inc.**

7220 N.W. 36th Street, Suite 634  
Miami, FL 33156  
305-592-2898

H. Hamby Hutcheson, President

Private

Total Sales FYE 12/85: \$1.0m Est.

Services: Processing, Software, Prof. Serv., Turnkey

**Fargo Electronic Services, Inc.**

7150 Shady Oak Road  
Eden Prairie, MN 55344  
612-941-9470

Robert Cummins, President

Private

Employees: 20

Services: Processing, Software, Prof. Serv.

**Far West Systems, Inc.**

2011 Westgate Ave.  
Los Angeles, CA 90025  
213-207-2936

Irwin Mainster, President

Private

Total Sales FYE 10/85: \$0.7m

Services: Processing, Software

**Fastware, Inc.**

200 Freeway Drive, East  
East Orange, NJ 07018  
201-676-7963

Private

**FBC, Inc.**

See: Mechanics & Farmer

**FBS Information Services**

See: First Bank System, Inc.

**FDP Corporation**

2675 South Bayshore Dr.  
Miami, FL 33133  
305-858-8200

Michael C. Goldberg, President  
Public

Total Sales FYE 12/86: \$13.5m

Services: Processing, Software

**Ferrin Corporation**

Spear Street Tower  
One Market Plaza  
San Francisco, CA 94105  
415-495-8600

Bill Guerin, President

Private

Employees: 28

Services: Prof. Serv.

**FFMC - Thrift Services Division**

See: First Financial Management Corporation

**Fidata Corporation**

67 Broad St.  
New York, NY 10004  
212-530-7890

Michael H. Mindlin, President

Public

Total Sales FYE 12/85: \$123.6m

Services: Processing, Software, Prof. Serv.

**Fidelity Packaging Corporation**

2107 Livingston Street  
P.O. Box 24333  
Oakland, CA 94623  
415-261-7611

Private

**Fifth Generation Systems**

7942 Picardy Avenue #B-350  
Baton Rouge, LA 70809  
504-767-0075

Private

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Figgie International Holdings Inc.**

1000 Virginia Center Parkway  
Richmond, VA 23295  
804-264-5600

Harry E. Figgie, Jr., President  
Public

Total Sales FYE 12/86: \$919.0m

**SUBSIDIARIES/DIVISIONS:****Figgie Systems Management Group, Inc.**

4420 Sherwin Rd.  
Willoughby, OH 44094  
216-946-9000

Walter J. Hayes, President  
Total Sales FYE 12/84: \$4.9m

Services: Processing, Software, Prof. Serv., Turnkey

**Figgie Systems Management Group, Inc.**

See: Figgie International Holdings Inc.

**File Net Corporation**

3530 Hyland Avenue  
Costa Mesa, CA 92626  
714-766-2344

Ted Smith, President  
Private  
Employees: 200

**Financial Audit Systems**

7340 Six Forks Road  
Raleigh, NC 27615  
800-327-8255

Ray Allen, President  
Private

Employees: 40  
Services: Software

**Financial Communications Services, Inc.**

5580 LBJ Freeway, Suite 670  
Dallas, TX 75240  
214-960-8471

Private

**Financial Information Systems**

411 Independent Drive, Suite 107  
Richardson, TX 75081  
214-680-8696

Private

**Financial Management Systems, Inc.**

15 Court Square  
Boston, MA 02108  
617-367-5981

James Barker, President  
Private

Employees: 10  
Services: Software

**Financial Services, Inc.**

175 Rock Road  
Glen Rock, NJ 07452  
201-652-6000

John J. Schunke, President  
Private

Total Sales FYE 06/84: \$7.9m  
Services: Processing

**Financial Software, Inc.**

3 Kane Industrial Drive  
Hudson, MA 01749  
617-568-0374

Edwin W. Hatfield, President  
Private

Total Sales FYE 03/86: \$1.0m Est.  
Services: Software

**Financial Systems Division**

See: UCCEL Corporation

**Financial Technology, Inc.**

612 N. Michigan Avenue  
Chicago, IL 60611  
312-280-0600

Jerome E. Frankkowiek, President  
Private

Total Sales FYE 09/84: \$1.5m Est.  
Services: Software

**Financial Telecommunications, Inc.**

See: Fitel, Ltd.

**Financiek, Inc.**

2400 Computer Dr.  
P.O. Box 670  
Westboro, MA 01581  
617-366-0950

Private

**Finserv Computer Corporation**

1462 Eric Boulevard  
Schenectady, NY 12305  
518-374-4430

Creighton Brittell, President  
Private

Total Sales FYE 12/84: \$7.0m  
Services: Processing, Turnkey

**Firesign Computer Company**

524 Union Street, Suite 208  
San Francisco, CA 94133  
Charles A. Mills, President  
Private

# CAMS 1987

## Directory of Computer Services Companies

**Firstar Corporation of Appleton**

200 West College Avenue  
P.O. Box 1859  
Appleton, WI 54913  
414-735-1300

William D. Wolter, President  
Public  
Total Sales FYE 12/84: \$2.4m  
Services: Processing

**First Bank Corporation Information Services**

P.O. Box 64603  
St. Paul, MN 55164  
612-291-5868

George Dixon, CEO  
Public  
Employees: 550  
Services: Processing

**First Bank System, Inc.**

1200 First Bank Place East  
Minneapolis, MN 55402  
612-370-5100

Private

**SUBSIDIARIES/DIVISIONS:****FBS Information Services**

332 Minnesota Street  
St. Paul, MN 55101  
612-291-5877

Delroy R. Hayunga, President  
Total Sales FYE 12/84: \$46.6m  
Services: Processing

**First Boston Capital Group, Inc.**

See: First Boston, Inc.

**First Boston, Inc.**

c/o The First Boston Corp.  
Park Avenue Plaza  
New York, NY 10055  
212-909-2000

Public

**SUBSIDIARIES/DIVISIONS:****First Boston Capital Group, Inc.**

Tower Forty Nine  
12 East 49th Street  
New York, NY 10017  
914-332-4500

A.V. Kiseal, President

**First Chicago Data Corporation**

Acquired by: MTECH

**First City National Bank of Houston**

1001 Main Street  
P.O. Box 2557  
Houston, TX 77252  
713-658-6011

Mr. Daniel C. Arnold, President  
Private

**SUBSIDIARIES/DIVISIONS:****First City Services Company**

P.O. Box 2557  
Houston, TX 77001  
713-658-6340

Larry Betsinger, President  
Total Sales FYE 12/84: \$32.0m  
Services: Processing

**First City Services Company**

See: First City National Bank of Houston

**First Computer Corporation**

Name changed to: FBS Information Services

**First Course**

P.O. Box 374  
Summit, NJ 09701  
201-877-7039

Private

**First Data Management Company, Inc.**

120 North Robinson  
Oklahoma City, OK 73101-1010  
405-232-6600

Gary Bunch, Chairman  
Public  
Total Sales FYE 12/86: \$33.0m  
Services: Processing, Prof. Serv.

**First Data Resources, Inc.**

See: American Express Company

**First Financial Management Corporation**

3 Corporate Square, Suite 700  
Atlanta, GA 30329  
404-325-9715

Patrick H. Thomas, President  
Public  
Total Sales FYE 12/86: \$69.7m  
Services: Processing

**SUBSIDIARIES/DIVISIONS:****FFMC - Thrift Services Division**

5850 DTC Parkway, Bldg. 14  
Englewood, CO 80111  
303-771-9000

Tom Neill, President  
Total Sales FYE 12/84: \$30.2m  
Services: Processing

# CAMS 1987

## Directory of Computer Services Companies

**First National Bank In Little Rock**

Capitol & Broadway  
Little Rock, AR 72201  
501-371-7311  
John Davis  
Private

**First National Bank Of Louisville**

P.O. Box 36000  
Louisville, KY 40232  
502-581-5386  
Private

**First Software Corporation**

17-21 Ballard Way  
Lawrence, MA 01843  
617-689-0077  
Rick Faulk, President  
Private  
Employees: 45  
Services: Software

**First Union Corporation**

First Union Plaza  
Charlotte, NC 28288  
704-374-6565  
Private

**Fischer Innis Systems Corporation**

4175 Merchantile Avenue  
Naples, FL 33942  
813-643-1500  
Doug Whittemore, President  
Private  
Employees: 38  
Services: Software

**Fischer & Porter**

County Line Road  
Warminster, PA 18974  
215-674-6000  
Private

**Flserv, Inc.**

2154 South 114th Street  
West Allis, WI 53227-1029  
414-546-5000  
Les Muma, President  
Public  
Total Sales FYE 12/86: \$70.4m  
Services: Processing

**SUBSIDIARIES/DIVISIONS:****Sendero Corporation**

6900 East Camelback Road, Suite 330  
Scottsdale, AZ 85251  
602-941-8112  
Clifford Myers, President  
Employees: 50  
Services: Software, Prof. Serv.

**Fisher Business Systems**

3260 Powers Ferry Road, Suite A-200  
Atlanta, GA 30067  
404-953-1717  
Private

**Fisher-Stevens, Inc.**

See: IMS International, Inc.

**Fitel, Ltd.****SUBSIDIARIES/DIVISIONS:****Financial Telecommunications, Inc.**

810 7th Avenue, 26th Floor  
New York, NY 10019  
212-307-1616  
G. Chichilnisky, President  
Total Sales FYE 06/86: \$10.0m Est.  
Services: Processing  
INPUT profile available

**Flagship Group (The), Inc.**

7616 LBJ Freeway  
Dallas, TX 75251  
214-385-1882  
Jerome T. Paul, President  
Private

**Fleet Financial Group**

50 Kenedy Plaza  
Providence, RI 02903  
Public

**SUBSIDIARIES/DIVISIONS:****Fleet Information, Inc.**

125 Dupont Drive  
Providence, RI 02907  
401-278-5900  
Albert C. Pattuson, IV, President  
Total Sales FYE 12/84: \$19.6m  
Services: Processing

**Fleet Information, Inc.**

See: Fleet Financial Group

**Fleet Management Systems, Inc.**

See: Intec Systems, Inc.

**Flexware**

15404 E. Valley  
Industry, CA 91746  
213-961-0230  
Private

**Florida Software Services, Inc.**

See: Kirchman Corporation (The)



# CAMS 1987

## Directory of Computer Services Companies

**Flow General, Inc.**

7655 Old Springhouse Road  
McClean, VA 22102  
703-893-5915

Robert Wengler, President  
Public

Total Sales FYE 06/86: \$165.0m  
Services: Software, Prof. Serv.

**F.N. Reality Services**

572 E. Green St.  
Pasadena, CA 91101  
213-681-6945

Jim Marmorstone, President  
Public

Total Sales FYE 12/84: \$4.4m  
Services: Processing

**Focus Research Systems, Inc.**

See: Dun & Bradstreet Corporation (The)

**Food Computer Systems, Inc.**

P.O. Box 109  
De Pere, WI 54115  
414-337-2027

David Smith, VP  
Private

Total Sales FYE 09/85: \$1.0m  
Services: Turnkey

**Foothill Associates, Inc.**

1730 N. Euclid  
Upland, CA 91786  
714-982-0666

Art Mollet, President  
Private

**Foothill Research, Inc.**

1301 Shoreway Road, Suite 300  
Belmont, CA 94002  
415-593-6696

David Parks, President & CEO  
Private

Total Sales FYE 12/85: \$3.0m  
Services: Software  
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**ForceTen Enterprises, Inc.**

3845 Dutch Village Road  
Halifax, B3L 4H9  
902-453-0040

David Houston, President  
Private

Total Sales FYE 12/85: \$9.0m

**Ford Laboratories**

See: COMNET Corporation

**Forefront Corporation**

Acquired by: Ashton-Tate

**Foresight Resources Corp.**

932 Massachusetts Avenue  
Lawrence, KS 66044  
913-841-1121

Private

Services: Software

**Forest Computer, Inc.**

1749 Hamilton Road  
Okemos, MI 48864  
517-349-4700

T.L. Fraser, President

Private

Total Sales FYE 10/84: \$1.0m

Services: Software, Prof. Serv., Turnkey

**Forethought, Inc.**

250 Sobrante Way  
Sunnyvale, CA 94086-4807  
408-737-7070

Robert Campbell, President

Private

Employees: 15

Services: Software

**Formation, Inc.**

823 East Gate Drive  
Mount Laurel, NJ 08054  
609-234-5020

Arthur D. Beard, President

Private

Employees: 270

Services: Software

**Forte Communications, Inc.**

2205 Fortune Drive  
San Jose, CA 95131  
408-945-9111

Private

Employees: 75

**Forthright Systems, Inc.**

490 Lakeside Drive  
Sunnyvale, CA 94086-4705  
408-730-5700

Richard Beck, President

Private

Employees: 22

Services: Software

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# CAMS 1987

## Directory of Computer Services Companies

FOR-FUN

### Fortune Systems Corporation

300 Harbor Blvd.  
Belmont, CA 94002  
415-593-9000

James S. Campbue, President  
Public

### Four Phase Systems

Named changed to: Motorola Computer Systems

### Fourth Generation Technology, Inc.

10280 N. Torrey Pines Road, Suite 350  
La Jolla, CA 92037  
619-455-7663

Nigel S. Read, President  
Private

Total Sales FYE 12/86: \$2.0m Est.  
Services: Prof. Serv.

### Fourth Shift Corporation

3400 Comserv Drive  
Eagan, MN 55122  
612-681-7580

Jim Caldwell, President  
Private

Employees: 50  
Services: Software

### Foxmeyer-TBL

2301 Avenue J  
Arlington, TX 76011  
817-481-7843

Bill Tauscher, President  
Public

Total Sales FYE 12/84: \$15.0m  
Services: Processing

### Fox Research, Inc.

7016 Corporate Way  
Dayton, OH 45459  
513-433-2238

Greg Goodall, President  
Private

Employees: 36

### FoxWare Systems Corporation

17801 Main #H  
Irvine, CA 92714  
714-250-1512

R. Thomas Fox, President  
Private

Employees: 12  
Services: Software, Turnkey

### Franklin Computer Systems, Inc.

456 S. Central Avenue  
Glendale, CA 91204  
818-247-0400

Frank J. O'Kaw, President  
Private

Employees: 25  
Services: Software

### Franklin Institute Research Laboratories (The)

20th & Race Street  
Philadelphia, PA 19103  
215-448-1556

Private

### Franz, Inc.

2920 Domingo Avenue, Suite 203  
Berkeley, CA 94705  
415-540-1224

Fritz Kunze, President  
Private

Employees: 11  
Services: Software, Prof. Serv.

### Frey Associates, Inc.

Chestnut Hill Road  
Amherst, NH 03031  
603-627-1123

Eric D. Frey, Chairman  
Private

Employees: 30  
Services: Prof. Serv., Turnkey

### Friedman & Associates

108 Wilnot Road  
Deerfield, IL 60015  
312-948-7180

Herb Friedman, President  
Private

Total Sales FYE 07/85: \$1.0m Est.  
Services: Software, Prof. Serv., Turnkey

### Frontline Software, Inc.

P.O. Box 688  
Kihei, Maui, HI 96753  
808-879-9943

Paul G. Hansen, President  
Private

Total Sales FYE 09/84: \$0.2m  
Services: Software, Prof. Serv.

### FundsNet, Inc.

385 Nordhoff Place  
Englewood, NJ 07631  
201-569-7764

Frederick Galland, Chairman  
Public

Total Sales FYE 12/86: \$18.5m  
Services: Processing  
INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**Funk Software**

P.O. Box 1290  
Cambridge, MA 02238  
617-497-6339  
Private

**Fusion Products International**

Acquired by: Pansophic Systems, Inc.

**Future Software, Inc.**

2525 South Main Street, Suite 9  
Salt Lake City, UT 84115  
801-487-5330  
Bob Wall, President  
Private  
Employees: 15  
Services: Software

**Future Technologies International, Inc.**

6 Century Drive  
Parsippany, NJ 07054  
201-285-1666  
Bruce W. Raney, President  
Private  
Total Sales FYE 12/84: \$3.0m Est.  
Services: Software

**GAI Systems**

P.O. Box 5832  
St. Louis, MO 63134  
314-831-6464  
Walter Garrett, President  
Private  
Total Sales FYE 12/84: \$0.2m  
Services: Software

**Galler Associates, Inc.**

520 North Washington  
Falls Church, VA 22046  
602-965-9781  
Private

**SUBSIDIARIES/DIVISIONS:****Galler Automation Industries Inc.**

520 North Washington Street  
Falls Church, VA 22046  
703-525-9292  
Jerry Galler, President  
Total Sales FYE 12/84: \$5.5m  
Services: Software, Prof. Serv.

**Galler Automation Industries Inc.**

See: Galler Associates, Inc.

**Ganesa Group International**

1495 Chain Bridge Rd.  
McLean, VA 22101  
703-492-0442  
Private

**Garpac Corporation**

254 W. 35th Street  
New York, NY 10001  
212-760-0070  
Michael S. Import, President  
Private  
Employees: 25  
Services: Software, Prof. Serv., Turnkey

**Garrett Group, Inc.**

4590 Stone Leigh Road  
Bloom Field Hills, MI 48013  
313-540-9522  
James Garrett, President  
Private  
Employees: 20  
Services: Prof. Serv.

**Gary Bergman Associates**

14 Hickory Lane  
New Brunswick, NJ 08902  
201-247-2727  
Gary Bergman, President  
Private  
Total Sales FYE 02/84: \$0.6m  
Services: Software

**Gary Brown Associates**

322-B Edwardia Dr.  
Greensboro, NC 27409  
919-852-0550  
Gary N. Brown, President  
Private  
Employees: 50  
Services: Software, Prof. Serv., Turnkey

**GASCARD Club, Inc.**

11025 North Torrey Pines Rd.  
La Jolla, CA 92038-3897  
619-457-4100  
Thomas M. Cannon, President  
Public  
Total Sales FYE 03/86: \$6.9m  
Services: Turnkey

**Gascard Club Inc.**

11025 North Torrey Pines Rd.  
La Jolla, CA 92038-3897  
619-457-4100  
Thomas Cannon, President  
Public  
Total Sales FYE 03/86: \$6.9m  
Services: Processing

# CAMS 1987

## Directory of Computer Services Companies

**Gateway Communications, Inc.**

2941 Alton Ave  
Irvine, CA 92714  
714-553-1555  
David S. McMaster, President  
Public  
Total Sales FYE 12/86: \$11.5m  
Services: Software

**Gateway Design Automation**

235 Great Road  
Littleton, MA 01460  
617-486-9701  
Dr. Prabhu Goel, President  
Private  
Employees: 12  
Services: Software

**GCA Communications**

1000 Holcomb Woods Parkway  
Roswell, GA 30076  
404-998-3998  
Les Freed, President  
Private  
Employees: 25  
Services: Software

**GDK Systems, Inc.**

50 Broadway  
New York, NY 10004  
212-483-0335  
Alex Gonter, President  
Private  
Total Sales FYE 06/86: \$4.0m Est.

**Geac Canada Limited****SUBSIDIARIES/DIVISIONS:****Geac Computers, Inc.**

30851 W. Agoura Road  
Agoura, CA 91301  
818-991-5338  
Robert Iserstedt, President  
Total Sales FYE 04/84: \$61.0m  
Services: Turnkey

**Geac Computers, Inc.**

See: Geac Canada Limited

**GEISCO**

401 North Washington Street  
Rockville, MD 20850  
Public

**Gelco Corporation**

One Gelco Drive  
Eden Prairie, MN 55344  
612-828-1000  
N. Bud Grossman, Chairman  
Public  
Total Sales FYE 07/86: \$1016.3m

**SUBSIDIARIES/DIVISIONS:****Gelco Maintenance Systems**

3 Gelco Dr.  
Eden Prairie, MN 55344  
612-828-2400  
N. Bud Grossman, CEO  
Total Sales FYE 07/85: \$3.1m  
Services: Software, Turnkey

**Gelco Maintenance Systems**

See: Gelco Corporation

**Genasys Corporation**

See: AGS Computers, Inc.

**Genelco, Inc.**

See: General American Life Insurance Co.

**General American Life Insurance Co.**

P.O. Box 396  
St. Louis, MO 63166  
314-231-1700  
H. Edwin Trusheim, President  
Public

**SUBSIDIARIES/DIVISIONS:****Genelco, Inc.**

1600 South Brentwood Blvd., Suite 500  
St. Louis, MO 63144  
314-962-2040  
David B. Johnson, President  
Total Sales FYE 12/86: \$7.0m  
Services: Processing, Software, Prof. Serv., Turnkey

**Consultec**

6065 Roswell Road  
Atlanta, GA 30328  
404-252-2883  
Gray Arnold, President  
Total Sales FYE 12/85: \$30.0m Est.  
Services: Prof. Serv.

**General Communications, Inc.**

11301 Rockville Pike  
Kensington, MD 20845-1096  
301-231-7000  
V. Berlin, Vice President  
Private  
Employees: 17

# CAMS 1987

## Directory of Computer Services Companies

**General Computer Corporation**

See: Revco D.S., Inc.

**General Computer Resources, Inc.**

255 Bear Hill Road  
Waltham, MA 02154  
617-890-4345

David J. Isenberg, President

Private

Total Sales FYE 07/84: \$1.0m

**General Devices, Inc.**

PO Box 667  
Norristown, PA 19404  
212-272-4477

Public

**SUBSIDIARIES/DIVISIONS:****World Wide Computer Services**

7 Doig Road  
Wayne, NJ 07470  
201-694-8876

John Davis, President

Total Sales FYE 12/85: \$10.8m

Services: Prof. Serv.

**General Dynamics Corporation**

Pierre Laclède Center  
St. Louis, MO 63105  
314-889-8200

Oliver C. Bolleau, President

Public

Total Sales FYE 12/86: \$8600.0m

**SUBSIDIARIES/DIVISIONS:****General Dynamics - Data Systems Division**

12101 Woodcrest Executive Drive  
St. Louis, MO 63141  
314-851-8917

David S. Lewis, Chairman

Employees: 3300

Services: Processing, Software, Prof. Serv.

**DatagraphiX, Inc.**

10977 San Diego Mission Road  
San Diego, CA 92108  
619-291-9960

Edward T. Keating, President

**General Dynamics - Data Systems Division**

See: General Dynamics Corporation

**Generale de Service Informatique****SUBSIDIARIES/DIVISIONS:****GSI Transcomm**

1380 Old Freeport Road  
Pittsburgh, PA 15238  
412-963-6770

Philippe Beaurain, President

Total Sales FYE 12/85: \$4.0m

Services: Processing, Software, Prof. Serv.

**General Electric CAE International, Inc.**

See: General Electric Company

**General Electric Company**

3135 Easton Turnpike  
Fairfield, CT 06431  
203-373-2431

John F. Welch, Jr., CEO

Public

Total Sales FYE 12/86: \$36725.0m

**SUBSIDIARIES/DIVISIONS:****Calma Company**

501 Sycamore Drive  
Millipitas, CA 95035  
408-970-1500

Daniel W. McGlaughlin, President

Total Sales FYE 12/84: \$210.0m

Services: Turnkey

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**General Electric Information Services Company**

401 North Washington Street  
Rochville, MD 20850  
301-340-4000

Anthony C. Craig, President

Total Sales FYE 12/85: \$680.0m

Services: Processing, Software, Prof. Serv.

INPUT profile available

**General Electric CAE International, Inc.**

300 TechCenter Drive  
Milford, OH 45150  
513-576-2400

Gary Vollbracht, President

Total Sales FYE 12/84: \$10.0m Est.

**General Electric Information Services Company**

See: General Electric Company

# CAMS 1987

## Directory of Computer Services Companies

**General Instrument Corporation**

767 Fifth Avenue  
 New York, NY 10153-0082  
 212-207-6200  
 Frank G. Hickey, President  
 Public  
 Total Sales FYE 02/86: \$794.3m  
 Services: Processing

**General Looseleaf Bindery Company**

210 S. Clinton Street  
 Chicago, IL 60606  
 312-346-8272  
 Private

**General Motors Corporation**

3044 West Grand Blvd.  
 Detroit, MI 48202  
 313-556-5000  
 F. James McDonald, President  
 Public

**SUBSIDIARIES/DIVISIONS:****Electronic Data Systems Corporation**

7171 Forest Lane  
 Dallas, TX 75230  
 214-661-6000  
 Lester M. Alberthal, Jr., President  
 Total Sales FYE 12/86: \$4380.0m  
 Services: Processing, Prof. Serv., Turnkey

**General Optimization Inc.**

2251 North Geneva Terrace  
 Chicago, IL 60614  
 312-248-7300  
 Private  
 Services: Software

**General Research**

7655 Old Spring House Road  
 McLean, VA 72102  
 703-893-5900  
 Robert Wengler, President  
 Private  
 Employees: 350

**General Robotics Corp.**

57 N. Mauin St.  
 Hartford, WI 53027  
 414-673-6800  
 Carl A. Pick, President  
 Private  
 Employees: 50

**Generic Computer Products, Inc.**

P.O. Box 790  
 Department ID-55  
 Marquette, MI 49855  
 906-249-9801  
 Lyn J. Durant, Director of Marketing  
 Private  
 Employees: 14

**Genesee Computer Center, Inc.**

20 University Avenue  
 Rochester, NY 14605  
 716-232-7050  
 Robert T. MacIntyre, President  
 Public  
 Total Sales FYE 05/86: \$1.0m  
 Services: Processing, Software

**GENESYS Software Systems, Inc.**

20 Ballard Way  
 Lawrence, MA 01843  
 617-685-5400  
 Larry Munini, President  
 Private  
 Total Sales FYE 06/86: \$9.9m  
 Services: Software  
 INPUT profile available

**Genigraphics Corp.**

4806 West Taft Road  
 P.O. Box 591  
 Liverpool, NY 13088  
 315-451-6600  
 Flavil Q. Van Dyke, President  
 Private  
 Total Sales FYE 07/84: \$55.0m  
 Services: Prof. Serv., Turnkey

**GENIX Corporation**

See: National Intergroup

**Gentry, Inc.**

430 40th Street  
 Oakland, CA 94609  
 415-547-6134  
 Grace H. Gentry, President  
 Private  
 Total Sales FYE 09/85: \$1.0m

**Geocomp Corporation**

342 Sudbury Road  
 Concord, MA 01742  
 617-369-8304  
 Private

# CAMS 1987

## Directory of Computer Services Companies

**Geometric Data Flow, Inc.**  
 337 N. Vineyard Avenue, Suite 266  
 Ontario, CA 91764  
 714-984-1260  
 Russell Mobley, President  
 Private  
 Services: Processing, Software

**Geophysical Service Inc.**  
 See: Texas Instruments Incorporated

**GeoQuest Systems, Inc.**  
 4605 Post Oak Place, Suite 130  
 Houston, TX 77027  
 713-622-8065  
 Rex C. Ross, President  
 Private  
 Total Sales FYE 01/86: \$2.1m  
 Services: Turnkey  
 INPUT profile available

**Geosource, Inc.**  
 6909 Southwest Freeway  
 Houston, TX 77236-7561  
 713-774-7561  
 Private  
 Services: Processing

**GeoVision**  
 See: Kinburn Technology Group

**Gerber Garment Technology Inc.**  
 See: Gerber Scientific, Inc.

**Gerber Scientific, Inc.**  
 83 Gerber Road West  
 South Windsor, CT 06074  
 203-644-1551  
 H. Joseph Gerber, President  
 Public  
 Total Sales FYE 04/87: \$223.9m  
 Services: Turnkey

### SUBSIDIARIES/DIVISIONS:

**Gerber Garment Technology Inc.**  
 24 Industrial Road  
 Tolland, CT 06080  
 203-644-2401

**Gerber Scientific Instrument Company**  
 83 Gerber Road West  
 South Windsor, CT 06074  
 203-644-1551

**Gerber Scientific Products, Inc.**  
 151 Batson Drive  
 Manchester, CT 06040  
 203-643-1515

**Gerber Systems Technology, Inc.**  
 Sullivan Avenue  
 South Windsor, CT 06074  
 203-644-1551

**Gerber Scientific Instrument Company**  
 See: Gerber Scientific, Inc.

**Gerber Scientific Products, Inc.**  
 See: Gerber Scientific, Inc.

**Gerber Systems Technology, Inc.**  
 See: Gerber Scientific, Inc.

**GESCO Corporation**  
 See: Guarantee Savings and Loan

**Gessler Educational Software, Inc.**  
 900 Broadway  
 New York, NY 10003  
 212-673-3113  
 Private

**Gifford Fong Associates**  
 3730 Mt. Diabed Boulevard, Suite 350  
 Lafayette, CA 94540  
 415-283-8363  
 H. Gifford Fong, President  
 Private  
 Total Sales FYE 12/84: \$6.0m  
 Services: Prof. Serv.

**Gilbert Associates, Inc.**  
 P.O. Box 1498  
 Reading, PA 19603  
 215-775-2600  
 Charles Williams, President  
 Public  
 Total Sales FYE 12/86: \$233.5m  
 Services: Software, Prof. Serv.

### SUBSIDIARIES/DIVISIONS:

**Gilbert Commonwealth, Inc.**  
 P.O. Box 1498  
 Reading, PA 19603  
 215-775-2600  
 Charles D. Williams, President  
 Services: Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

GIL-GOL

### Gilbert Services, Inc.

P.O. Box 1498  
Reading, PA 19603  
215-775-2600  
Services: Software, Prof. Serv.

### Gilbert Commonwealth, Inc.

See: Gilbert Associates, Inc.

### Gilbert Services, Inc.

See: Gilbert Associates, Inc.

### Gimbel Software

3207 Hogarth Lane  
Collegeville, PA 19426  
215-584-4361  
James F. Gimbel, President  
Private  
Employees: 5  
Services: Software

### Gladstone Electronics

376 St. Cloud  
North Orange, NJ 07052  
201-325-2071  
Private

### Global Health Systems, Inc.

1701 Research Blvd.  
Rockville, MD 20850  
301-258-9212  
Alan Gold, President  
Public  
Total Sales FYE 12/86: \$1.7m  
Services: Turnkey  
INPUT profile available

### Global Information Systems Technology, Inc.

201 West Springfield, Suite 700  
Champaign, IL 61820  
217-352-1165  
Thomas Chen, Ph.D., President  
Private  
Total Sales FYE 12/85: \$2.0m  
Services: Software, Turnkey  
INPUT profile available

### Global Software, Inc.

See: Hathaway Corporation

### Global Turnkey Systems, Inc.

4 North Street  
Waldwick, NJ 07463  
201-445-5050  
Robert Beardon, President  
Private  
Total Sales FYE 12/86: \$6.0m  
Services: Turnkey

### Global-Ultimac Systems, Inc.

2945 Center Green Court South  
Boulder, CO 80301  
Private  
Employees: 380  
Services: Software, Prof. Serv.

### GMD Systems International, Inc.

8601 Dunwoody Place, Suite 420  
Atlanta, GA 30338  
404-587-0934  
Thomas L. Glaza, President  
Private  
Total Sales FYE 12/84: \$10.8m  
Services: Software, Prof. Serv.

### GMS Systems

12 West 37th Street  
New York, NY 10018  
212-947-3590  
Private

### Gnosis, Inc.

4005 Chestnut Street  
Philadelphia, PA 19104  
215-387-1500  
Private

### Goal Systems International, Inc.

Goal Systems Building  
5455 North High Street  
Columbus, OH 43214-1193  
614-888-1775  
James A. Rutherford, President  
Private  
Total Sales FYE 01/86: \$29.2m  
Services: Software, Prof. Serv.

### G.O. Graphics

18 Ray Avenue  
Burlington, MA 01803  
1-800-237-5588  
George Smith, President  
Private  
Employees: 20  
Services: Software

### Goldhill Computers, Inc.

163 Harvard Street  
Cambridge, MA 02139  
617-492-2071  
Carl Wolf, President  
Private  
Employees: 50  
Services: Software



# CAMS 1987

## Directory of Computer Services Companies

**Good Software Corporation**

5429 LBS, Suite 720 LB149  
Dallas, TX 75240  
214-239-6085

Jim Smith, President

Private

Employees: 15

Services: Software

**Gordon Publications, Inc.**

Box 1952  
Dover, NJ 07801  
201-361-9060

Private

**Gracon Services, Inc.**

4632 Okemos Road  
Okemos, MI 48864  
517-349-4900

Private

Services: Software

**Graham Software Corp.**

212 King Street West, Suite 400  
Toronto, ON M5H1K5  
416-592-9131

Private

Services: Software

**Graphic Communications**

See: Lotus Development Corporation

**Graphic Scanning Corporation**

329 Alfred Avenue  
Teaneck, NJ 07666  
201-837-5100

Steven M. Greenberg, President

Public

Total Sales FYE 12/85: \$155.6m

**Graphic Software Systems**

9590 Gemini Drive, SW  
P.O. Box 4900  
Beaverton, OR 97005-4900  
503-641-2200

Tom Clarkson, CEO

Private

Total Sales FYE 12/86: \$6.0m

Services: Software, Prof. Serv.

**Group 1 Software**

See: COMNET Corporation

**Grumman Corporation**

1111 Stewart Avenue  
Bethpage, NY 11714  
516-575-0574

John O'Brien, President

Public

Total Sales FYE 12/86: \$3501.9m

**SUBSIDIARIES/DIVISIONS:****Grumman Data Systems Division**

150 Crossways Park West  
Woodbury, NY 11797  
516-575-1847

John O'Brien, President

Total Sales FYE 12/86: \$310.0m

Services: Processing, Software, Prof. Serv., Turnkey

**Grumman Data Systems Division**

See: Grumman Corporation

**Gryphon Microproducts**

P.O. Box 6543  
Silver Springs, MD 20906  
301-946-2585

Private

**GSI Transcomm**

See: Generale de Service Informatique

**GTECH Corporation**

101 Dyer Street  
Providence, RI 02903  
401-273-7700

Mr. Guy B. Snowden, President

Public

Total Sales FYE 2/86: \$81.0m

Services: Processing

**GTE Corporation**

One Stamford Forum  
Stamford, CT 06904  
203-965-2000

James L. Johnson, President

Public

**SUBSIDIARIES/DIVISIONS:****GTE Telenet Communications Corp.**

12490 Sunrise Valley Dr.  
Reston, VA 22096  
703-442-1000

J. David Hann, President

Total Sales FYE 12/84: \$108.0m

Services: Processing, Prof. Serv.

**GTE EFT Services, Inc.**

11711 North Meridian Street, Suite 210  
Carmel, IN 46032  
317-844-0119

Stephen R. Nelson, General Manager

Services: Processing

**GTE EFT Services, Inc.**

See: GTE Corporation



# CAMS 1987

## Directory of Computer Services Companies

GTE-HAM

**GTE Telenet Communications Corp.**

See: GTE Corporation

**Guarantee Savings and Loan**1177 Fulton Mall  
Fresno, CA 93721  
209-268-8111

Private

Services: Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****GESCO Corporation**1451 East Shaw Avenue  
Fresno, CA 93726  
209-224-8373Jack McMenimon, President  
Total Sales FYE 12/85: \$28.6m  
Services: Processing**Guel Resources Management Systems**100 Parkway Deive South  
Smithtown, NY 11787  
516-435-0600Bud DePietto, Vice President  
PrivateTotal Sales FYE 05/84: \$2.1m  
Services: Turnkey**Guidance Software**2 Kingwood Place  
700 Rockmead - Suite 163  
Kingwood, TX 77339  
713-358-7191

Private

**Gull, Inc.**395 Oser Avenue  
Smithtown, NY 11787  
516-231-3737

Private

**SUBSIDIARIES/DIVISIONS:****Gull Resources Management Systems, Inc.**300 Marcus Blvd.  
Smithtown, NY 11787  
516-435-0600Bud DePietto, General Manager  
Total Sales FYE 05/85: \$4.0m Est.  
Services: Turnkey**Gull Resources Management Systems, Inc.**

See: Gull, Inc.

**G & Z Systems, Inc.**187 Main Street  
East Chester, NY 10707  
914-961-1613  
Richard A. Zuckerman, President  
Private  
Employees: 8**H & A Computer Systems, Inc.**30 Hotelling Place, Suite 204  
San Francisco, CA 94111  
415-434-3517  
Alan Hochschild, President  
Private  
Total Sales FYE 04/84: \$12.0m  
Services: Software**Hadron, Inc.**9990 Lee Highway  
Fairfax, VA 22030  
703-359-6100  
Dominic Laiti, President  
Public  
Total Sales FYE 03/86: \$22.3m  
Services: Prof. Serv.**Hale Systems, Inc.**1076 East Meadow Circle  
Palo Alto, CA 94303  
415-494-6111  
Charles G. Calderaro, President  
Public  
Total Sales FYE 03/87: \$4.1m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available**Hal Systems & Services**14840 Landmark Drive  
Dallas, TX 75240  
214-385-2300  
James T. Langham, President  
Private  
Total Sales FYE 09/84: \$4.0m  
Services: Processing, Software, Prof. Serv., Turnkey**Hamlin, Williams & Associates, Inc.**1694 Shelby Oaks Drive, North  
Memphis, TN 38134  
901-388-6120  
David Hamlin, President  
Private  
Employees: 30  
Services: Processing, Software, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Hammer Computer Services**

900 Larkspur, Suite 250  
Larkspur, CA 94939  
415-461-7633

James Allen  
Private  
Employees: 22

**Hampstead Computer Graphics**

P.O. Box 469  
East Hampstead, NH 03826  
603-320-5076

Dan Healy, President  
Private  
Employees: 9  
Services: Software, Prof. Serv.

**Hansen Management Systems, Inc.**

P.O. Box 688  
Kilhei, HI 96753  
808-879-9943

Private

**Harcourt Brace Jovanovich, Inc.**

6277 Sea Harbor Dr.  
Orlando, FL 32821  
305-345-2000

William Jovanovich, Chairman  
Public

**SUBSIDIARIES/DIVISIONS:****Interactive Learning**

1 Fawcett Place  
Greenwich, CT 06830  
203-622-2500

Edmund Auer, President  
Employees: 20  
Services: Software

**Harris Business Systems/Services**

613 Martin Avenue, Suite 201  
Rohnert Park, CA 94928  
707-585-3868

John A. Harris, Owner  
Private  
Employees: 20  
Services: Software, Prof. Serv.

**Harris Corporation**

1025 West NASA Blvd.  
Melbourne, FL 32919  
305-727-9100

John T. Hartley, President  
Public

**SUBSIDIARIES/DIVISIONS:****Scientific Calculations, Inc.**

7635 Main St.  
Fishers, NY 14453  
716-924-9303

Paul D. Watkins, President  
Total Sales FYE 12/84: \$42.5m  
Services: Software, Turnkey

**Harris Data Service, Inc.**

611 North Barker Road, Suite 200  
Waukesha, WI 53186-1903  
414-475-1760

Thomas Harris, President  
Private  
Total Sales FYE 12/86: \$7.5m Est.  
Services: Software, Turnkey

**Harris Technology Group, Inc.**

624 Peach Street  
P.O. Box 80837  
Lincoln, NE 68501  
402-476-2811

Ronald L. Harris, President  
Private  
Total Sales FYE 06/84: \$15.0m  
Services: Software, Prof. Serv.

**Harte-Hanks Communications, Inc.**

200 Concord Plaza Drive  
San Antonio, TX 78216  
512-829-9000

Bob Marbut, President  
Private

**SUBSIDIARIES/DIVISIONS:****Urban Data Processing, Inc.**

209 Middlesex Turnpike  
Burlington, MA 01803  
617-273-0900

Robert G. Coyne, President  
Total Sales FYE 12/85: \$7.4m

**Computer Market Services**

1950 West Corporate Way  
Anaheim, CA 92801-5399  
714-991-5478

Andy Pieter, President  
Total Sales FYE 12/86: \$3.0m Est.  
Services: Processing

**Hartford Steam Boiler**

Inspection and Insurance Company  
One State Street  
Hartford, CT 06102

203-722-1866  
Public

# CAMS 1987

## Directory of Computer Services Companies

RAD-HEA

### SUBSIDIARIES/DIVISIONS:

#### Radian Corporation

8501 Mo-Pac Blvd.  
P.O. Box 9948  
Austin, TX 78759  
512-454-4797  
Donald Carlton, President  
Total Sales FYE 12/85: \$60.0m  
Services: Software, Prof. Serv.

#### Harvard Software, Inc.

Acquired by: Software Publishing Corporation

#### Harvest Computer Systems

102 S. Harrison  
Alexandria, IN 46001  
317-724-4429  
Gary Randolph, President  
Private  
Employees: 11  
Services: Software

#### Harvey Software

P.O. Box 06596  
Fort Myers, FL 33906  
813-482-8600  
Private  
Services: Software

#### Hathaway Corporation

350 Interloche  
Broomfield, CO 80020  
303-460-1500  
Eugene E. Prince, President  
Public  
Total Sales FYE 06/85: \$36.0m  
Services: Software

### SUBSIDIARIES/DIVISIONS:

#### Global Software, Inc.

1009 Spring Forest Road  
Raleigh, NC 27619  
919-872-7800  
Ron Kupferman, President  
Total Sales FYE 06/86: \$13.0m  
Services: Software

#### Hawkeye Grafix

3415 Hyde Park Drive  
Clearwater, FL 33519-1527  
818-348-7909  
Will Pierce, CEO  
Private  
Employees: 5

#### Hayes Microcomputer Products

705 Westech Drive  
Norcross, GA 30092  
404-449-8791  
Dennis Hayes, President  
Private

#### HBI Business Systems

7503 Weatherby Drive  
Rockville, MD 20855  
301-869-2355  
James E. Hughes, President  
Private  
Employees: 6  
Services: Software

#### HBO & Company

301 Perimeter Center North, 6th Floor  
Atlanta, GA 30346  
404-393-6000  
James V. Napier, President  
Public  
Total Sales FYE 12/86: \$154.8m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

#### Health Data Sciences Corporation

348 W. Hospitality Lane  
San Bernardino, CA 92408  
714-370-1330  
Dr. Ralph A. Korpman, President  
Private  
Total Sales FYE 11/86: \$12.0m Est.  
Services: Turnkey  
INPUT profile available

#### Health Data Systems, Inc.

101 North Main Street  
Lewistown, PA 17044  
717-248-4800  
Private

#### Health Information Systems, Inc.

4522 Fort Hamilton Parkway  
Brooklyn, NY 11219  
718-453-6300  
Burt Hochstein, President  
Public  
Total Sales FYE 06/86: \$4.5m  
Services: Software, Prof. Serv.  
INPUT profile available

#### Health Software, Inc.

4440 Logan Way  
Youngstown, OH 44505  
216-759-2103  
Private

# CAMS 1987

## Directory of Computer Services Companies

**Health Systems International, Inc.**

100 Broadway  
New Haven, CT 06511  
203-562-2101  
Ron Bernier, President  
Private  
Total Sales FYE 12/86: \$6.0m Est.  
Services: Software

**Heidelberg Eastern, Inc.**

73-45 Woodhaven Blvd.  
Glendale, NY 11385  
718-830-7900  
Private

**SUBSIDIARIES/DIVISIONS:****Profit Control Systems**

73-45 Woodhaven Blvd.  
Glendale, NY 11385  
718-830-7900  
Karl Hendrick-Bang, Vice President  
Total Sales FYE 10/86: \$12.0m  
Services: Prof. Serv., Turnkey  
INPUT profile available

**Helmsman Systems**

1030 S. Winchester Boulevard  
San Jose, CA 95128  
408-462-8300  
Private  
Services: Software

**Help/38 Systems**

6101 Baker Road  
210 Baker Technology Plaza  
Minnetonka, MN 55345  
612-933-0609  
Richard R. Jacobson, President  
Private  
Total Sales FYE 12/85: \$1.0m

**Henco Software, Inc.**

100 5th Avenue  
Waltham, MA 02154  
617-890-8670  
Henry T. Cochran, President  
Private  
Total Sales FYE 12/85: \$9.6m  
Services: Software

**Henley Group**

375 Park Avenue  
New York, NY 10152  
212-832-2200  
Public

**SUBSIDIARIES/DIVISIONS:****Rust International**

1130 S. 22nd Street  
Birmingham, AL 35201  
205-930-2500  
David Rosenfale, President  
Employees: 1700  
Services: Software, Prof. Serv., Turnkey

**Heritage Computer Corporation**

See: Heritage Mutual Insurance Company

**Heritage Mutual Insurance Company****SUBSIDIARIES/DIVISIONS:****Heritage Computer Corporation**

2800 South Taylor Drive  
Sheboygan, WI 53081  
414-457-1422  
Jens P. Christensen, President  
Total Sales FYE 12/85: \$3.8m  
Services: Processing, Software, Prof. Serv.

**Heritage Software**

3757 Wilshire Blvd., Suite 211  
Los Angeles, CA 90010  
213-384-4120  
Private

**Heuristima Corporation**

6300 Southcenter Blvd., Suite 203  
P.O. Box 88862  
Seattle, WA 98188  
206-248-2661  
John Connor, President  
Private  
Total Sales FYE 11/86: \$0.1m Est.

**Hewlett-Packard Company**

3000 Hanover St.  
Palo Alto, CA 94304  
415-857-2000  
John A. Young, President  
Public  
Total Sales FYE 10/86: \$6044.0m  
Services: Software, Prof. Serv., Turnkey

**HHB Systems**

1000 Wyckoff Ave.  
Mahwah, NJ 07430  
201-848-8000  
Dr. Lutz Henckels, President  
Private  
Total Sales FYE 12/85: \$10.0m  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**High Caliber Systems, Inc.**

165 Madison Avenue  
New York, NY 10016  
212-684-5553  
Al Schwendner, President  
Private  
Employees: 5  
Services: Software, Prof. Serv.

**High Tech Communications**

P.O. Box 8531  
Metairie, LA 70011  
504-832-0987  
Private

**Hiller Industries**

631 North 400 West  
Salt Lake City, UT 84103  
801-521-2411  
Private

**Hogan Systems, Inc.**

5080 Spectrum Drive, Suite 400E  
Dallas, TX 75248  
214-386-0020  
George L. McTavish, President  
Public  
Total Sales FYE 03/87: \$44.1m  
Services: Software  
INPUT profile available

**Hollander Associates**

P.O. Box 2276  
Fullerton, CA 92633  
714-879-9000  
G.L. Hollander, President  
Private  
Employees: 20

**Holland Systems Corporation**

3131 South State Street, Suite 303  
Ann Arbor, MI 48104  
313-995-9595  
Robert H. Holland, President  
Private  
Employees: 32  
Services: Prof. Serv., Turnkey

**Holm-Dietz Computer Systems, Inc.**

555 W. Shaw C-14  
Fresno, CA 93704  
209-226-7506  
Wayne Holm, President  
Private  
Employees: 12  
Services: Software, Turnkey

**Honeywell, Inc.**

Honeywell Plaza  
Minneapolis, MN 55408  
612-870-5200  
Edson W. Spencer, Chairman  
Public  
Total Sales FYE 12/86: \$7300.0m  
Services: Software, Prof. Serv., Turnkey

**Houghton Mifflin Company**

One Beacom Street  
Boston, MA 02108  
617-725-5000  
Harold Miller, President  
Public  
Total Sales FYE 12/84: \$249.2m  
Services: Software

**Houston Data Center Inc.**

6801 Port West Drive  
Houston, TX 77024  
713-880-0042  
Joseph Kurka, President  
Private  
Total Sales FYE 04/85: \$4.2m  
Services: Processing, Turnkey

**Houston Engineering Research Corporation (HERCO)**

7250 Wynnwood  
Houston, TX 77008  
713-869-9371  
J.L. Schweppe, President  
Private  
Employees: 28  
Services: Software, Prof. Serv.

**HowardSoft**

1224 Prospect Street, Suite 150  
San Diego, CA 92037  
619-454-0121  
Private  
Services: Software

**Howard W. Sams Software**

4300 W. 62nd St.  
Indianapolis, IN 46360  
317-298-5400  
Public  
Total Sales FYE 12/84: \$30.0m  
Services: Software

**H & R Block, Inc.**

4410 Main Street  
Kansas City, MO 64111  
816-753-6900  
Public  
Services: Processing

# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:****CompuServe Incorporated**

5000 Arlington Center Blvd.  
Columbus, OH 43220  
614-457-8600

Charles W. McCall, President  
Total Sales FYE 04/86: \$85.0m  
Services: Processing  
INPUT, profile available

**H.R.C. Micro Organisation Ltd.**

1 Hereford Street, The Moor  
Sheffield, S1 4PR  
0742-755047

Private  
Services: Software

**HSH National Management Inc.**

Acquired by: SunGard Data Systems, Inc.

**Human Edge Software Corp.**

2445 Faber Ave.  
Palo Alto, CA 94303  
415-493-1593

Jim Johnson, President  
Private  
Total Sales FYE 12/84: \$3.3m  
Services: Software

**Human Engineered Software**

150 North Hill Drive  
Brisbane, CA 94005  
415-468-4111

Private  
Employees: 100  
Services: Software

**Hurricane Systems, Inc.**

926 Great Pond Drive  
Altamonte Springs, FL 32714  
305-774-8888

W.G. Harold, President  
Private  
Employees: 22  
Services: Software

**IBM**

See: International Business Machines Corporation

**IBM Information Network**

See: International Business Machines Corporation

**ICC, Inc.**

48 Horsehill Road  
Cedar Knolls, NJ 07927  
201-267-6600

Gary Sullivan, President  
Private  
Total Sales FYE 08/85: \$10.0m  
Services: Processing, Software

**SUBSIDIARIES/DIVISIONS:****Computer Cost Control Corporation**

353 Richard Mine Road  
Wharton, NJ 07885  
201-361-0955

Total Sales FYE 12/84: \$3.0m  
Services: Processing, Software, Turnkey

**Iconics, Inc.**

Named changed to: Transform Logic Corporation

**ICS Group**

3848 Carson Street, Suite 320  
Torrance, CA 90503  
213-634-2611

John Benton, President  
Private  
Total Sales FYE 12/84: \$2.7m  
Services: Software, Prof. Serv.

**IDC Data Services**

1225 Franklin Avenue  
Garden City, NY 11530  
516-294-6040

Paul Roth, President  
Private  
Employees: 20  
Services: Software

**IDC Services, Inc.**

303 East Ohio Street  
Chicago, IL 60611  
312-943-7500

Lawrence J. Berkowitz, President  
Public  
Total Sales FYE 12/86: \$46.3m  
Services: Processing

**Idea Ware, Inc.**

225 Lafayette Street, Suite 712  
New York, NY 10012  
212-334-8043

Private

**IEEE Computer Society**

10662 Los Vaqueros Circle  
Los Alamitos, CA 90720  
714-821-8380

Private

**IFA Systems, Inc.**

363 7th Avenue  
New York, NY 10001  
212-213-0710

Irwin Finkelthal, President  
Private  
Employees: 5  
Services: Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**IHC Affiliated Services, Inc.**

See: Intermountain Health Care, Inc.

**Image Network**

140 Whisman Road

Mountain View, CA 94041

415-967-0542

John Copeland, President

Private

Total Sales FYE 12/86: \$0.4m Est.

Services: Processing, Software

INPUT profile available

**Imedia Corporation**

20833 Stevens Creek, Suite 101

Cupertino, CA 95014

408-255-5500

O.H. Davison, Jr., President

Private

Employees: 8

Services: Software

**IMI Systems**

1500 Broadway

New York, NY 10036

212-944-1555

Robert Forman, President

Private

Total Sales FYE 01/86: \$11.5m

Services: Software, Prof. Serv.

**IMREX Computer Systems, Inc.**

321 East Shore Rd.

Great Neck, NY 11023

516-466-5210

Private

Employees: 75

Services: Software

**IMSI**

633 Fifth Avenue

San Rafael, CA 94901

415-454-7101

Private

**IMS International, Inc.**

800 Third Avenue

New York, NY 10022

212-371-2310

Public

Total Sales FYE 12/86: \$375.5m

**SUBSIDIARIES/DIVISIONS:****Fisher-Stevens, Inc.**

100 Campus Road

Totowa, NJ 07512

201-790-0700

R. Duke Powell, President

Total Sales FYE 12/86: \$25.0m Est.

Services: Processing

**INCO, Inc.**

8260 Greensboro Drive

McLean, VA 22102

703-442-7960

Private

Total Sales FYE 03/84: \$21.0m

Services: Prof. Serv.

**Inconographics, Inc.**

6719 White Post Rd

Centerville, VA 22020

703-830-1780

Private

Total Sales FYE 06/84: \$0.1m

Services: Prof. Serv.

**Indecon Inc.**

1210 Three, 1st National Plaza

Chicago, IL 60602

312-726-5860

Donald F. Breitfelder, President

Private

Total Sales FYE 07/84: \$7.0m

Services: Prof. Serv.

**Index Systems, Inc.**

5 Cambridge Center

Cambridge, MA 02142

617-492-1500

Thomas P. Garrity, President

Private

Total Sales FYE 10/85: \$10.0m Est.

Services: Prof. Serv.

INPUT profile available

**Index Technology Corporation**

101 Main St.

Cambridge, MA 02142

617-491-2100

Richard Carpenter, President

Private

Total Sales FYE 12/86: \$10.0m Est.

Services: Software

**Individual Software Inc.**

1163-1 Chess Drive

Foster City, CA 94404

415-341-6116

Joe Hendrickson, President

Private

Total Sales FYE 12/86: \$2.0m Est.

Services: Software

**Industrial Corporation**

31st &amp; Jefferson Street

Philadelphia, PA 19121

215-684-1000

Private



# CAMS 1987

## Directory of Computer Services Companies

**Inference Corporation**

5300 W. Century Blvd., Suite 501  
Los Angeles, CA 90045  
213-417-7997  
Alexander Jacobson, President  
Private

**INFOCEL, Inc.**

5711 Six Forks Road  
Raleigh, NC 27609  
919-848-0001  
David E. Rodger, President  
Private  
Total Sales FYE 12/86: \$8.8m Est.  
Services: Turnkey  
INPUT profile available

**InfoCenter Software**

171 Main Street  
New Paltz, NY 12561  
914-255-8925  
J. Roger Moody, President & CEO  
Private  
Employees: 22

**InfoCode, Inc.**

19 Union Square West  
New York, NY 10003  
212-741-9411  
Grant Brownings, President  
Public  
Total Sales FYE 12/85: \$1.0m  
Services: Software

**SUBSIDIARIES/DIVISIONS:****Vertek, Inc.**

232 Sherwood Ave  
Farmingdale, NY 11735  
516-753-0200  
Joseph Benjamin, President

**Infocore, Inc.**

Acquired by: Activision, Inc.

**Infodata Systems Inc.**

5 Tobey Village Office Park  
Pittsford, NY 14534  
716-381-7430  
Ronald A. Furman, President  
Public  
Total Sales FYE 12/86: \$11.2m  
Services: Software, Prof. Serv.

**Info Design, Inc.**

445 Enterpris Court  
Bloomfield Hills, MI 48013  
313-334-9790  
Richard Kahl, President  
Public  
Total Sales FYE 12/84: \$2.1m  
Services: Software

**InfoMed**

Research Park  
321 Wall Street  
Princeton, NJ 08540  
609-921-3899  
Fred Neufeld, President  
Private  
Employees: 70  
Services: Software

**Informatics General Corporation**

Acquired by: Sterling Software, Inc.

**Information Access Co.**

See: Ziff-Davis Publishing

**Information Analysis Systems Corporation**

Mason Road #2  
W. Willington, CT 06279  
203-429-1691  
James Watt, President  
Private  
Employees: 5

**Information Associates, Inc.**

See: Management Science America, Inc.

**Information Builders, Inc.**

1252 Broadway  
New York, NY 10001  
212-736-4433  
Gerald D. Cohen, President  
Private  
Total Sales FYE 12/85: \$70.0m  
Services: Software, Prof. Serv.  
INPUT profile available

**Information Companies of America (ICOA)**

1500 Walnut Street  
Philadelphia, PA 19102  
215-875-4650  
G.L. Brodsky, President  
Public  
Employees: 30  
Services: Processing



# CAMS 1987

## Directory of Computer Services Companies

INF-INF

**Information Concepts, Inc.**

1331 H Street, N.W., 9th Floor  
Washington, DC 20005  
202-628-4400  
Cary Toor, President  
Private  
Employees: 25

**Information Design, Inc.**

Oak Park Professional Office  
145 Durham Road, Suite 3-3  
Madison, CT 06443  
203-245-8547  
Private  
Services: Software

**Information Dimension, Inc.**

See: Battelle Memorial Institute

**Information Industries, Inc.**

8880 Ward Parkway  
Kansas City, MO 64114  
816-444-8100  
Robert W. Spackman, President  
Private  
Employees: 80  
Services: Prof. Serv.

**Information Management Consultants, Inc.**

405 N. Washington Street, Suite 301  
Falls Church, VA 22046  
703-237-1822  
Sudhaker V. Shenoy, President  
Private  
Total Sales FYE 12/85: \$1.0m  
Services: Processing, Software, Prof. Serv., Turnkey

**Information Management Corporation**

3131 Elliot Avenue, Suite 600  
Seattle, WA 98121-1018  
206-282-1880  
Chris Johnson, President  
Private  
Total Sales FYE 11/86: \$0.5m  
Services: Software, Prof. Serv.  
INPUT profile available

**Information Management International**

2525 East Bayshore Road  
Palo Alto, CA 94303  
415-493-2100  
Richard Sorenson, President  
Private  
Total Sales FYE 12/85: \$9.6m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**Information Management Services**

2040 S. Ridgewood Avenue, Suite 102  
South Dayton, FL 32019  
Bill Phillips, President  
Private  
Total Sales FYE 12/84: \$0.5m  
Services: Prof. Serv.

**Information Management Software Specialists, Inc.**

Box 1633  
Racine, WI 53401  
414-632-1571  
Ron T. Bridgette, President  
Private  
Services: Software

**Information Network Corporation**

14677 Midway Road  
Dallas, TX 75244  
214-630-1240  
James McNeff, President  
Private  
Total Sales FYE 12/84: \$8.0m  
Services: Processing

**Information Processing, Inc.**

317 Whooping Crane Loop, Suite #1825  
Altamonte Springs, FL 32701  
305-331-5200  
Private  
Services: Software

**Information Processing Techniques, Inc.**

1096 East Meadow Circle  
Palo Alto, CA 94303  
415-494-7500  
Dr. C. Stephen Carr, President  
Private  
Total Sales FYE 12/86: \$1.8m  
Services: Software, Prof. Serv.

**Information Resources, Inc.**

150 North Clinton Street  
Chicago, IL 60606  
312-726-1221  
Gian Fulgoni, President  
Public  
Total Sales FYE 12/86: \$93.6m  
Services: Processing  
INPUT profile available

**Information Science Incorporated**

95 Chestnut Ridge Road  
Montvale, NJ 07645  
201-391-1600  
John A. Rade, President  
Public  
Total Sales FYE 04/86: \$21.1m  
Services: Processing, Software, Prof. Serv.  
INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**Information Strategies, Inc. (ISI)**

236 Boston Post Road  
Orange, CT 06477  
203-795-6016  
Robert Leary, President  
Private  
Employees: 30  
Services: Software, Prof. Serv.

**Information System Investment Corp.**

Named changed to: Computer Software Design

**Information Systems, Inc.**

34 Ronzo Road  
Bristol, CT 06010  
203-589-8123  
John McCormick, President  
Private  
Total Sales FYE 12/85: \$6.0m  
Services: Processing, Software, Prof. Serv.

**Information Systems, Inc.**

174 Armistice Blvd.  
Pantucket, RI 02860  
401-728-0400  
Robert Hulkyard, CEO  
Private  
Total Sales FYE 03/84: \$3.2m

**Information Systems, Inc.**

6011 Executive Blvd.  
Rockville, MD 20852  
301-770-1150  
Carl English, President  
Public  
Total Sales FYE 09/84: \$50.0m  
Services: Software, Prof. Serv., Turnkey

**Information Systems of America, Inc.**

See: United Telecommunications, Inc.

**Information Technology, Inc.**

P.O. Box 2705  
Lincoln, NE 68502  
402-423-2682  
Don Dillon, President  
Private  
Total Sales FYE 09/84: \$18.0m  
Services: Turnkey

**INFORMIX Software, Inc.**

4100 Bohannon Drive  
Menlo Park, CA 94025  
415-322-4100  
Roger J. Sippl, President  
Public  
Total Sales FYE 12/86: \$21.1m  
Services: Software  
INPUT profile available

**Inforonics, Inc.**

550 Newtown Road  
P.O. Box 458  
Littleton, MA 01460  
617-486-8976  
Lawrence Buckland, President  
Private  
Employees: 50  
Services: Processing, Prof. Serv., Turnkey

**INFOSTAT, Inc.**

9400 N. Central Expy., Suite 1400  
Dallas, TX 75231  
214-692-7828  
Jerald Neal, President  
Private  
Employees: 65  
Services: Turnkey

**Infotech Systems, Inc.**

2135 N.W. Military #1  
San Antonio, TX 78213  
512-341-8888  
David Wiederanders, President  
Private  
Total Sales FYE 12/84: \$0.7m  
Services: Processing, Software, Turnkey

**Infotek Systems**

1400 North Baxter Street  
Anaheim, CA 92806  
714-956-9300  
John Harwer, Vice President  
Private  
Total Sales FYE 09/84: \$2.5m

**Infotran Corporation**

7520 Olympia  
Houston, TX  
713-660-7090  
Private

**Ingram Software**

347 Reedwood Drive  
Nashville, TN 37217  
615-361-5000  
Private

**Innovation Data Processing, Inc.**

970 Clifton Avenue  
Clifton, NJ 07013  
201-777-1940  
Anthony Maxzone, President  
Private  
Employees: 22  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

INN-INT

### Innovative Programming Associates, Inc.

One Airport Place  
Princeton, NJ 08540  
609-924-7272  
Morton S. Cohen, President  
Private  
Employees: 85

### Innovative Software, Inc.

9875 Widmer Road  
Lenexa, KS 66215-9990  
913-492-3800  
Michael J. Brown, President  
Public  
Total Sales FYE 06/86: \$13.5m  
Services: Software  
INPUT profile available

### Input Output Computer Services

400 Totten Pond Road  
Waltham, MA 02254  
617-890-2299  
Thomas Farrington, President  
Private  
Total Sales FYE 11/86: \$20.0m Est.  
Services: Prof. Serv.  
INPUT profile available

### INSLAW, Inc.

1125 15th Street, N.W., Suite 600  
Washington, DC 20005  
202-828-8600  
William A. Hamilton, President  
Private  
Total Sales FYE 09/86: \$5.0m  
Services: Processing, Software, Prof. Serv.  
INPUT profile available

### Instant Web

7951 Power Blvd.  
Chanhassen, MN 55317  
612-474-0961  
Jerome Carlson, President  
Private

### INSTINET Corporation

757 3rd Avenue  
New York, NY 10017  
212-310-9500  
Murray Finebaum, President  
Public  
Total Sales FYE 12/86: \$14.6m  
Services: Processing

### Insurance Sales Systems

8001 West 63rd Street, Suite One  
Merriam, KS 66202  
913-722-0065  
Bill Hilliard, Partner  
Private  
Employees: 6

### Insurance Technology Consultants

1437 W. Palmyra, Suite F  
Orange, CA 92668  
714-773-1754  
Henry M. Bacher, President  
Private  
Employees: 5  
Services: Software, Prof. Serv.

### Insurnet, Inc.

1900 Powell Street, Suite 600  
Emeryville, CA 94608-1840  
415-652-3771  
Thomas Lukens, President  
Private  
Total Sales FYE 12/85: \$12.0m  
Services: Software

### Intec Systems, Inc.

400 Australian Ave.  
West Palm Beach, FL 33401  
305-832-3799  
Private

### SUBSIDIARIES/DIVISIONS:

#### Fleet Management Systems, Inc.

400 Australian Avenue  
West Palm Beach, FL 33401  
305-629-4900  
John D. Gorman, President  
Total Sales FYE /84: \$13.0m  
Services: Processing, Software

#### Integral Systems, Inc.

2185 North California Blvd.  
Walnut Creek, CA 94596  
415-939-3900  
Brian M. Aspland, President  
Private  
Total Sales FYE 12/86: \$24.8m  
Services: Software, Prof. Serv.  
INPUT profile available

#### InteGram, Inc.

1150 - 140th N.E.  
Bellevue, WA 98005  
206-643-1030  
Robert Foulkes, President  
Private  
Total Sales FYE 06/85: \$1.0m Est.  
Services: Processing, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Integrated Automation, Inc.**

See: Teknekron Industries

**Integrated Business Concepts, Inc.**

2020 North Broadway, Suite 208  
Walnut Creek, CA 94596  
415-947-6666

Michael Klug, President

Private

Employees: 6

Services: Software, Prof. Serv.

**Integrated Business Systems**

2030 Timberbrook Drive  
Springfield, IL 62702  
217-546-8828

Mark Yow, President

Private

Total Sales FYE 12/85: \$0.9m

**Integrated Computer Technologies**

1650 S. Amphlett Blvd., Suite 224  
San Mateo, CA 94022  
415-341-2946

Harman Cadis, President

Private

Employees: 11

Services: Software, Prof. Serv.

**Integrated Management Systems**

5500 S. Quebec, Suite 110  
Ingelwood, CO 80111  
303-796-9000

Stephen Forte, President

Private

Employees: 23

**Integrated Microcomputer Systems, Inc.**

5320 Marinelli Road  
Rockville, MD 20852  
301-984-8434

John Yeh, President

Private

Total Sales FYE 09/84: \$6.0m Est.

Services: Processing, Prof. Serv.

**Integrated Office Systems, Inc.**

2111 Grant Road  
Los Altos, CA 94022  
415-961-3030

Vas Raman, President

Private

Employees: 10

**Integrated Planning, Inc.**

338 Newbury Street  
Boston, MA 02115  
617-267-5340

Birgul Erenkil, President

Private

Total Sales FYE 10/84: \$1.0m Est.

Services: Software

**Integrated System, Incorporated**

101 University Avenue  
Palo Alto, CA 94301  
415-853-8400

Dr. Naren K Gupta, President

Private

Employees: 43

Services: Software

**Integrated Systems Group, Inc.**

920 East Broadway  
Glendale, CA 91205  
818-502-1414

Charles A. Archer, President

Private

Total Sales FYE 10/84: \$6.0m

Services: Processing, Software

**Integrated Systems, Inc.**

170 Algonquin Parkway  
P.O. Box D  
Whippany, NJ 07981

201-884-0892

David Dache, President

Private

Employees: 10

Services: Software, Turnkey

**Intellectual Software**

798 North Avenue  
Bridgeport, CT 06606  
800-232-2224

Private

**IntelliCorp**

1975 El Camino Real West  
Mountain View, CA 94040-2216  
415-965-5500

Ralph Kromer, President

Public

Total Sales FYE 06/86: \$18.6m

Services: Processing, Software, Prof. Serv., Turnkey

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**Intelligent Business Systems, Inc.**

246 Church Street  
New Haven, CT 06510  
203-785-0813

William Bird, President

Private

Total Sales FYE 12/84: \$1.0m

# CAMS 1987

## Directory of Computer Services Companies

**Intelligent Machines**

1440 W. Broadway  
Missoula, MT 59802  
406-728-0332  
James W. Moody, President  
Private  
Employees: 7

**Intellisource, Inc.**

1335 Valwood Parkway  
Suite 111  
Carrollton, TX 75006  
214-620-1242  
Pat Haggerty, Jr., President  
Private  
Employees: 25  
Services: Turnkey

**Interactive Computer Systems**

87 Indian Rock Road  
Woodland Ridge  
Windham, NH 03087  
603-893-8520  
Richard Roche, Chairman  
Private  
Total Sales FYE 12/84: \$1.0m Est.  
Services: Software

**Interactive Data Corporation**

See: Chase Manhattan Bank

**Interactive Financial Services, Inc.**

1600 Parkwood Circle  
Atlanta, GA 30339  
404-952-4721  
Peter E. Dios, President  
Private  
Total Sales FYE 01/87: \$40.0m Est.  
Services: Processing, Software

**Interactive Images**

600 W. Cummings Park, Suite 4500  
Woburn, MA 01801  
617-938-8440  
Douglas Kahn, President  
Private  
Employees: 35  
Services: Software, Prof. Serv.

**Interactive Information Systems**

505 N. Alvenon Way  
Tucson, AZ 85711  
602-323-1813  
Private  
Total Sales FYE 12/84: \$1.0m  
Services: Software

**Interactive Learning**

See: Harcourt Brace Jovanovich, Inc.

**Interactive Market Systems**

55 Fifth Avenue, 18th Floor  
New York, NY 10003  
212-924-0200  
Leon H. Liebman, Chairman  
Private  
Employees: 100  
Services: Processing, Software

**Interactive Solutions Corporation**

Box 354  
Woodinville, WA 98072  
206-481-0633  
Mr. Steve Hance, President  
Private  
Employees: 5  
Services: Software

**Interactive System Corporation**

5500 Sycamore Street  
Littleton, CO 80120  
303-797-2400  
John Slack, President  
Public  
Total Sales FYE 12/84: \$0.7m  
Services: Software, Prof. Serv.

**Interactive Systems Corporation**

2401 Colorado Avenue, 3rd Floor  
Santa Monica, CA 90404  
213-453-8649  
Dr. John P. White, Chairman  
Private  
Total Sales FYE 05/84: \$16.0m

**Interactive Systems, Inc.**

600 Suffolk St.  
Lowell, MA 01854  
617-937-8500  
Private

**Interactive Technology Incorporated**

10700 SW. Beaverton-Hillsdale Hwy, #460  
Beaverton, OR 97005  
503-644-0111  
Roger A. Brown, President  
Private  
Total Sales FYE 12/86: \$2.0m Est.  
Services: Software  
INPUT profile available

**InterCAD Corporation**

See: ERC International, Inc.

# CAMS 1987

## Directory of Computer Services Companies

**Interchart Software, Inc.**

104 Carnegie Center  
Princeton, NJ 08540  
609-987-1590

Daniel G. Olasin, President  
Private

Total Sales FYE 12/85: \$1.5m Est.

**Intercon Associates, Inc.**

1580 Emerson Street  
Rochester, NY 14606  
716-458-0860

Soto Flouris, President

Private

Total Sales FYE 12/85: \$2.0m Est.

Services: Software

**Intergraph Corporation**

One Madison Industrial Park  
P.O. Box 5183  
Huntsville, AL 35807-4201  
205-772-2000

James W. Meadlock, President

Public

Total Sales FYE 12/86: \$605.7m

Services: Turnkey

INPUT profile available

**Interleaf, Inc.**

Ten Canal Park  
Cambridge, MA 02141  
617-577-9800

David A. Boucher, President

Public

Total Sales FYE 03/86: \$18.6m

Services: Turnkey

INPUT profile available

**Interlink Computer Sciences, Inc.**

39055 Hastings Street  
Fremont, CA 94538  
415-792-6212

Lambot Orumal, President

Private

Employees: 40

Services: Software

**Intermetrics, Inc.**

733 Concord Avenue  
Cambridge, MA 02138  
617-661-1840

Joseph A. Saponaro, President

Public

Total Sales FYE 02/86: \$42.6m

Services: Software, Prof. Serv.

INPUT profile available

**Intermountain Health Care, Inc.****SUBSIDIARIES/DIVISIONS:****IHC Affiliated Services, Inc.**

36 South State Street  
Salt Lake City, UT 84111  
801-530-3442

Robert Walker, President

Total Sales FYE 12/86: \$7.5m

Services: Software

INPUT profile available

**International Business Machines Corporation**

Old Orchard Road  
Armonk, NY 10504  
914-765-1900

John F. Akers, President

Public

Total Sales FYE 12/86: \$51250.0m

**SUBSIDIARIES/DIVISIONS:****IBM Information Network**

472 Wheelers Farm Road  
Milford, CT 06460  
203-783-7000

Syd N. Heaton, Vice President

Total Sales FYE 12/85: \$100.0m Est.

Services: Processing, Software

INPUT profile available

**IBM**

Armonk, NY 10504

Private

**International Business Services Inc.**

1090 Vermont Ave. N.W.  
Washington, DC  
202-789-5200

Marin O. Green, President

Private

Total Sales FYE 09/84: \$14.0m

Services: Processing

**International Computaprint Corporation**

See: Reed International ENGLAND

**International Computer Systems, Inc.**

8603 Westwood Center, Suite 209  
Vienna, VA 22180-2215  
703-847-8700

Arun Batavia, President

Private

Total Sales FYE 12/86: \$1.0m Est.

Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

INT-INT

### International Data Applications

1601 Civic Center Drive, Suite 203  
Santa Clara, CA 95054  
408-244-4010  
Michael E. Cowan, President  
Private  
Employees: 14  
Services: Software

### International Microcomputer Software, Inc.

1299 Fourth Street  
San Rafael, CA 94901  
415-454-7101  
Geoffrey B. Koblick, President  
Private  
Total Sales FYE 06/86: \$4.5m Est.  
Services: Software  
INPUT profile available

### International Micro-Systems, Inc.

6445 Metcalf Avenue  
Shawnee Mission, KS 66202  
913-677-1137  
Private  
Services: Software

### International Software Network, Inc.

P.O. Box 13648  
Milwaukee, WI 53213  
414-258-1568  
Randall A. Csin, Vice President  
Private  
Total Sales FYE 12/84: \$1.0m Est.  
Services: Software, Prof. Serv.

### International Software Systems

P.O. Box 5427  
Richmond, VA 23220  
804-359-2211  
Private

### International Systems Services Corporation (ISS)

140 E 45th Street, 41st Floor  
New York, NY 10017  
212-972-4400  
Bruce Gupton, President  
Private  
Total Sales FYE 12/86: \$3.0m Est.  
Services: Software, Prof. Serv.

### International Technology Group, Inc.

877 Kings Highway  
Woodbury, NJ 08096  
609-848-3627  
Paul J. Goldy, Sr., President  
Private  
Total Sales FYE 09/84: \$1.0m  
Services: Processing, Prof. Serv.

### Internet Systems Corporation

200 W. Madison Street, Suite 1700  
Chicago, IL 60606  
312-630-0050  
Paul H. Rachal, President  
Private  
Employees: 92  
Services: Software

### Interpretive Data Systems

1500 Shelburne Road  
P.O. Box 1070  
Burlington, VT 05402-1070  
802-862-1022  
Richard E. Tarrant, President  
Private  
Total Sales FYE 06/85: \$13.0m  
Services: Software

### Intertec Diversified Systems, Inc.

2625 Park Blvd.  
Palo Alto, CA 94306  
415-326-8900  
Frank Grice, President  
Private  
Employees: 100  
Services: Processing, Software

### Intrak, Inc.

9999 Business Park Ave.  
San Diego, CA 92131  
619-695-1900  
Ron Manning, President  
Private  
Employees: 20  
Services: Software

### Intran Corporation

1600 West 82nd Street  
Bloomington, MN 55431  
612-888-4415  
Gerald Koch, President  
Private  
Employees: 225

### Intro-Logic, Inc.

24700 Northwestern Highway  
Southfield, MI 48075  
313-352-2740  
Lloyd G. Henry, President  
Private  
Total Sales FYE 12/85: \$0.5m  
Services: Software, Prof. Serv.



# CAMS 1987

## Directory of Computer Services Companies

**Inventory Locator Service, Inc.**

3845 Viscount, Suite 3  
Memphis, TN 38118  
901-794-4784

Fred Meyer, President

Private

Employees: 14

Services: Processing

**Inversion Technology**

1359 Beverly Road  
P.O. Box 6070  
McLean, VA 2210-66070  
703-893-5149

Mr. Dunn Juerson, President

Private

Employees: 100

**I.P. Sharp Associates**

2 First Canadian Place, Suite 1900  
Toronto, ON M5X 1E3  
416-364-5361

William E. Thompson, President

Private

Total Sales FYE 12/85: \$51.5m Est.

Services: Processing, Software, Prof. Serv.

INPUT profile available

**Isaac Fair Companies**

120 North Redwood Drive  
San Raphael, CA 94903-1996  
415-472-2211

William R. Fair, President

Private

Employees: 176

**ISC Systems Corporation**

East 901 Second Avenue  
Spokane, WA 99202  
509-927-5600

Ted C. DeMerritt, Chairman

Public

Total Sales FYE 06/86: \$166.1m

Services: Turnkey

INPUT profile available

**ISI Systems, Inc.**

161 Forbes Road  
Braintree, MA 02184  
617-848-4620

Charles C. Johnston, President

Private

Total Sales FYE 12/85: \$25.0m

Services: Processing, Software

INPUT profile available

**Iskra Software International**

222 Sherwood Ave.  
Farmingdale, NY 11735  
516-753-0400

Stan Kovacic, President

Private

Employees: 30

Services: Software

**Island Pacific Systems Corporation**

4850 Barranca Parkway  
Irvine, CA 92714  
714-551-3593

Paul Mickelson, President

Private

Total Sales FYE 12/84: \$1.0m Est.

Services: Software

**ISYS Corporation**

50 Church St.  
P.O. Box 214  
Cambridge, MA 02238  
617-491-6221

Private

**ITM Corporation**

1 Young Street  
Toronto, M5E-1E6  
416-364-1036

Private

**SUBSIDIARIES/DIVISIONS:****Batteries Included, Inc.**

30 Mural Street  
Richmond Hill, Ontario, ON L4B 1B5  
416-881-9941

Lindsay Swartz, President

Employees: 40

Services: Software

**ITP boston, inc.**

30 Spinelli Place  
Cambridge, MA 02138  
617-499-4200

Sergio Brosio, President

Private

Total Sales FYE 12/85: \$17.0m Est.

Services: Prof. Serv.

INPUT profile available

**ITRON**

East 15616 Euclid Avenue  
Spokane, WA 99215  
509-924-9900

Paul Smyly, President

Private

Total Sales FYE 12/86: \$30.0m Est.

Services: Turnkey



# CAMS 1987

## Directory of Computer Services Companies

**ITT Corporation**

320 Park Avenue  
New York, NY 10022  
212-752-6000  
Edmund M. Carpenter, President  
Public  
Total Sales FYE 12/86: \$7595.5m

**SUBSIDIARIES/DIVISIONS:****Redshaw, Inc.**

103 Yost Boulevard  
Pittsburgh, PA 15221  
412-829-2100  
Robert Thompson, Jr., President  
Total Sales FYE 12/86: \$45.0m  
Services: Prof. Serv., Turnkey  
INPUT profile available

**Ivy Hill Corporation**

170 Vanick Street  
New York, NY 10013  
212-741-1404  
Private

**IXI Sales & Services**

26344 Park Station  
Minneapolis, MN 55426  
612-933-8758  
Private

**Jack Henry & Associates, Inc.**

P.O. Box 607  
Monett, MO 65708  
417-235-6652  
Jack Henry, President  
Private  
Total Sales FYE 06/84: \$12.0m  
Services: Turnkey

**Jadtec Computer Group**

546 W. Katella Avenue  
Orange, CA 92667  
714-997-8927  
John A. Dieball, President  
Private  
Total Sales FYE 04/85: \$1.0m Est.

**James B. Hotze & Company**

6101 Southwest Freeway, Suite 406  
Houston, TX 77057  
713-664-1172  
James B. Hotze, President  
Private  
Employees: 7

**James H. Lowry & Associates**

303 E. Wacker Dr.  
Chicago, IL 60601  
312-861-1800  
James H. Lowry, President  
Private  
Employees: 40  
Services: Prof. Serv.

**Javelin Software Corporation**

One Kendall Square, Building 200  
Cambridge, MA 02139  
617-494-1400  
Stanley Kugell, President  
Private  
Services: Software

**J. Baker & Associates Inc.**

7 Dearborn St., Suite 807  
Chicago, IL 60603  
312-459-3900  
Jerry P. Baker, President  
Private

**JB Systems**

21600 Oxnard Street, Suite 640  
Woodland Hills, CA 91367  
818-340-9430  
Pat Gehl, President  
Private  
Employees: 18  
Services: Software

**JCA Software, Inc.**

18201 Von Kasman Avenue, Suite 410  
Irvine, CA 92715  
714-863-9500  
Walter F. Turner, President  
Private  
Employees: 6  
Services: Processing

**J.D. Edwards & Company**

4949 S. Syracuse Street, Suite 5500  
Denver, CO 80237  
303-773-3732  
Ed McVane, President  
Private  
Total Sales FYE 12/85: \$11.3m  
Services: Software

**JEB Systems**

34 Daniel Webster Highway  
Merrimack, NH 03054  
603-883-4662  
James Brock, President  
Private  
Employees: 12  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Jefferson Software**

#2 Players Club Drive  
Charleston, WV 25311  
304-344-8550  
Dr. Ty Gardner, President  
Private  
Employees: 10  
Services: Software

**Jetsoft**

170 Main Street  
East Falmouth, MA 02536  
617-548-6670  
Private

**JIA Management & Consulting Group**

1299 Ocean Avenue, #333  
Santa Monica, CA 90401  
213-451-3041  
Joseph Izzo, President  
Private  
Total Sales FYE 09/84: \$3.8m  
Services: Prof. Serv.

**J.M.I. Software Consultants**

904 Sheele Lane  
Spring House, PA 19477  
215-628-0840  
John E. Brennan, President  
Private  
Total Sales FYE 08/86: \$1.0m Est.  
Services: Software, Prof. Serv.

**JobTrak Systems, Inc.**

See: Digigraphic Systems Corporation

**John Blair & Company**

1290 Avenue of the Americas  
New York, NY 10104  
212-603-5000  
Jack W. Frits, President  
Public

**SUBSIDIARIES/DIVISIONS:****ADVO-System, Inc.**

239 W. Service Road  
Hartford, CT 06101  
203-525-9101  
Hugh R. Beath, President

**John Hancock Health Plans, Inc.**

See: John Hancock Mutual Insurance

**John Hancock Mutual Insurance**

John Hancock Place  
Boston, MA 02117  
617-421-6000  
Public

**SUBSIDIARIES/DIVISIONS:****John Hancock Health Plans, Inc.**

1009 Bradbury Drive, SE  
Albuquerque, NM 87106  
505-243-9781  
John Parker, President  
Total Sales FYE 12/85: \$14.0m  
Services: Processing

**Johnston, Brown & Associates, Inc.**

Named changed to: APPINTEC Corporation

**John Wiley & Sons**

605 Third Avenue  
New York, NY 10158  
212-850-6000  
Private

**Joiner Associates, Inc.**

3800 Regent Street  
P.O. Box 5445  
Madison, WI 53705-0445  
608-238-8134  
Brian Joiner, President  
Private  
Employees: 32  
Services: Software, Prof. Serv.

**Jonas & Erickson Software Technology, Inc.**

235 Yorkland Blvd., Suite 700  
Willowdale, ON M2J4Y8  
416-491-8620  
David A. Prentice, President  
Private  
Total Sales FYE 12/86: \$25.0m Est.  
Services: Software  
INPUT profile available

**Jones/Hosplex Systems, Inc.**

145 Franken Turnpike  
Ramsey, NJ 07446  
201-934-1990  
Robert Pagnotta, President  
Public  
Total Sales FYE 12/85: \$2.0m  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

JTW-KEY

### JTW Computer Systems, Inc.

521 S.W. 11th, Suite 200  
Portland, OR 97205  
503-223-5691

J. Tim Warren, President

Private

Employees: 14

Services: Software

### Kapstrom

5952 Royal Lane, Suite 124  
Dallas, TX 75230  
214-369-1718

Private

### Kay Consulting, Inc.

101 Continental Blvd., Suite 408  
El Segundo, CA 90245  
213-379-4133

Max Kay

Private

Employees: 8

Services: Software

### Keane, Inc.

Ten City Square  
Boston, MA 02109  
617-241-9200

John F. Keane, President

Public

Total Sales FYE 12/86: \$40.4m

Services: Software, Prof. Serv.

INPUT profile available

### Kennen Publishing

150 Shoreline Highway  
Building E  
Mill Valley, CA 94941  
415-332-5828

Private

### Kennerly Associates, Inc.

6302 Merna Lane  
Lanham, MD 20706  
301-441-1390

Raymond G. Kennerly II, President

Private

Total Sales FYE 03/85: \$1.0m Est.

Services: Processing, Software, Prof. Serv., Turnkey

### Kentron International, Inc.

Acquired by: Planning Research Corporation

### Keydata Corporation

580 Washington Street  
Newton, MA 02158-1491  
617-964-5400

Robert J. Bienkowski, President

Public

Total Sales FYE 07/86: \$4.1m

Services: Processing

INPUT profile available

### Key Enterprises

1722 NE 3rd  
Amarillo, TX 79107  
806-372-8962

Private

### Key Financial Systems, Inc.

44 Route 46  
Pine Brook, NJ 07058  
201-227-8800

James R. Sharkey, Jr., President

Private

Employees: 120

### Keymark Systems, Inc.

6950 S.W. Hampton Street, Suite 340  
Portland, OR 97223  
503-684-3903

David Moyle, President

Private

Total Sales FYE 09/85: \$1.0m Est.

### Key Software, Inc.

2350 E. Devon Avenue, Suite 138  
Des Plaines, IL 60018  
312-298-3610

Private

### Key Solutions, Inc.

111-G Shelley Avenue  
Campbell, CA 95008  
408-559-6226

Brian Gordon, President

Private

Services: Software

### Keystone Computer Associates, Inc.

1055 Virginia Drive  
Fort Washington, PA 19034  
215-643-3800

Leon E. Ellerson, President

Private

Total Sales FYE 05/86: \$7.0m Est.

Services: Software, Prof. Serv.

INPUT profile available

### Key Systems, Inc.

512 Executive Park  
Louisville, KY 40207  
502-897-3332

Thomas Palmer, President

Private

Employees: 8

Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Kidd International Data Processing**

3180 Bladenburg Rd. N.E.  
Washington, DC 20018  
202-269-6250  
Max Kidd, President  
Private  
Total Sales FYE 12/84: \$0.6m  
Services: Processing

**Kinburn Technology Group****SUBSIDIARIES/DIVISIONS:****GeoVision**

1600 Carling Avenue, Suite 350  
Ottawa, K-128 R7  
613-722-9518  
Doug Seaborn, President  
Total Sales FYE 12/85: \$5.0m  
Services: Prof. Serv.  
INPUT profile available

**Kinetics Technology International****SUBSIDIARIES/DIVISIONS:****Cascade Graphics Systems**

16842 Von Karman Avenue  
Irvine, CA 92714  
714-474-6200  
Stephen Ball, President  
Total Sales FYE 10/85: \$9.7m  
Services: Software

**Kirchman Corporation (The)**

711 Altamonte Drive  
Altamonte, FL 32701  
305-831-3001  
Kenneth P. Kirchman, President  
Private  
Total Sales FYE 03/87: \$42.0m  
Services: Software, Turnkey  
INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Florida Software Services, Inc.**

711 East Altamonte Drive  
Altamonte Springs, FL 32701  
305-831-3001  
Ken Kirchman, President  
Services: Software

**Kleinschmidt**

450 Lake Cook Road  
Deerfield, IL 60015-4973  
312-945-1000  
Harry Gaples, President  
Private  
Total Sales FYE 12/86: \$6.2m  
Services: Software, Prof. Serv., Turnkey  
INPUT profile available

**Knauer Consulting**

19 West 34th St.  
New York, NY 10001  
212-714-0960  
Ed Knauer, President  
Private  
Total Sales FYE 06/86: \$0.9m Est.  
Services: Prof. Serv.

**Knight-Ridder, Inc.**

One Herald Plaza  
Miami, FL 33132-1693  
305-376-3800  
James K. Batten, President  
Public

**Knoware, Inc.**

301 Kassas Street  
Cambridge, MA 02139  
617-576-3821  
Private

**KnowledgeWare, Inc.**

3340 Peachtree Rd, N.E., Suite 2900  
Atlanta, GA 30026  
404-231-8575  
Fran Tarkenton, Chairman  
Private  
Total Sales FYE 06/86: \$6.1m  
Services: Software, Prof. Serv.  
INPUT profile available

**Knox Data**

23030 Lyons  
Newhall, CA 91304  
805-255-3552  
R. Knox, President  
Private  
Total Sales FYE 06/86: \$1.0m Est.  
Services: Turnkey

**Koala Technologies**

3100 Patrick Henry Lane  
Santa Clara, CA 95050  
408-986-8866  
Private

**Koch System**

70 Tenth Street  
San Francisco, CA 94103  
415-861-8900  
Private  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**KOCH Systems Corporation**

70 Tenth Street  
P.O. Box 2510  
San Francisco, CA 94126  
415-861-8900  
George B. Koch, President  
Private  
Total Sales FYE 12/86: \$7.1m Est.  
Services: Processing, Software  
INPUT profile available

**KPB Industries**

P.O. Box 6027  
Bethlehem, PA 19001  
215-866-1444  
Private

**Laboratory Microsystems, Inc.**

3007 Washington Blvd., Suite 230  
Marian del Rey, CA 90292  
213-306-7412  
Ray Duncan, President  
Private  
Employees: 5  
Services: Software, Prof. Serv.

**Lake Avenue Software**

77 N. Oak Knoll, Suite 105  
Pasadena, CA 91101  
818-792-1844  
Private  
Employees: 20

**Landmark Graphics Corporation**

333 Cypress Run, Suite 100  
Houston, TX 77094  
713-579-4700  
C.E. Ennis, President  
Private  
Total Sales FYE 06/86: \$12.0m  
Services: Turnkey

**Landmark Software Systems, Inc.**

155 W. Main Street  
P.O. Box 996  
Somerville, NJ 08876  
201-722-5100  
Melvyn L. Toomey, President  
Private  
Employees: 25  
Services: Software, Prof. Serv.

**Landmark Systems Corporation**

6551 Loisdale Court  
Springfield, VA 22150  
703-922-7101  
Patrick McGettigan, President  
Private  
Total Sales FYE 12/86: \$4.0m Est.  
Services: Software  
INPUT profile available

**Langenbacher Data Systems**

12400 Olive Blvd., Suite 350  
St. Louis, MO 63141  
314-878-2005  
William B. Langenbacher, President  
Private  
Total Sales FYE 11/84: \$2.0m  
Services: Processing, Prof. Serv.

**Lantech Systems, Inc.**

9635 Wendell Road  
Dallas, TX 75243  
214-340-4932  
Cory Preville, V.P. Sales  
Private  
Services: Software

**Lattice Logic USA**

3333 Bowers Avenue, Suite 199  
Santa Clara, CA 95054  
408-748-9797  
Alex Bennett, President  
Private  
Employees: 50  
Services: Software, Turnkey

**Lawgossier Brothers, Inc.****SUBSIDIARIES/DIVISIONS:****Data Consultants, Inc.**

1724 Lyter Drive  
Johnstown, PA 15905  
814-255-4137  
Kenneth Roalin, President  
Employees: 40  
Services: Prof. Serv.

**Lawson Associates**

2021 Hennepin Ave. East  
Minneapolis, MN 55413  
612-379-2633  
Ken Holec, President  
Private  
Total Sales FYE 05/85: \$15.5m  
Services: Software, Prof. Serv.

**LBM Systems Corp.**

251 Park Avenue South  
New York, NY 10010  
212-477-1005  
Ben Buonomo, President  
Private  
Services: Software, Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**LCS Industries, Inc.**

120 Brighton Rd.  
Clifton, NJ 07012  
201-778-5588  
Arnold J. Scheine, President  
Public  
Total Sales FYE 09/86: \$36.3m  
Services: Processing

**Leading Edge Products**

110 Cador St.  
Wellesley, MA 02181  
617-828-8150  
Michael Share, CEO  
Private  
Employees: 250  
Services: Software

**Leadtrack Services**

595 Colonial Park Dr., Suite 302  
Roswell, GA 30075  
404-587-0412  
Norman R. Koltsa, President  
Private  
Employees: 14  
Services: Processing, Software

**Learned-Mahn, Inc.**

2229 W. State Street  
P.O. Box 1488  
Boise, ID 83701-1488  
208-336-2281  
Kevin E. Learned, President  
Private  
Employees: 20  
Services: Software

**Learning Company (The)**

545 Middlefield Road  
Menlo Park, CA 94025  
415-328-5410  
Bill Dinamore, President  
Private  
Employees: 30  
Services: Software

**Learning Tools Inc.**

686 Massachusetts Avenue  
Cambridge, MA 02139  
617-864-8086  
Dr. Kirk Wilson, President  
Private  
Employees: 6  
Services: Software, Prof. Serv.

**Learning Well**

200 South Service Road  
Roslyn Heights, NY 11577  
David Savitsky, President  
Private  
Employees: 10  
Services: Software

**LeMans Group (The)**

455 South Gaugh  
King of Prussia, PA 19406  
215-337-8686  
James Connor, President  
Private  
Employees: 30  
Services: Software

**Levi, Ray & Shoup, Inc.**

2387 W. Monroe Street  
Springfield, IL 62704  
217-793-3800  
Richard Levi, President  
Private  
Employees: 32  
Services: Software, Prof. Serv.

**Lewis Lee Corporation**

352 Fulton Street  
Palo Alto, CA 94301  
415-853-1220  
Daniel Lewis, President  
Private  
Employees: 6

**Lexeme Corporation**

Four Station Square  
Suite 250 Commerce Court  
Pittsburgh, PA 15219-1119  
412-281-5454  
Michael Inn Shamos, President  
Private  
Employees: 35  
Services: Software, Prof. Serv.

**Lexisoft, Inc.**

P.O. Box 1950  
Davis, CA 95617  
916-758-3630  
Private  
Services: Software

**Libra Programming, Inc.**

1954 East 7000 South  
Salt Lake City, UT 84121  
800-453-3827  
Private  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Lifeboat Associates**

55 South Broadway  
Tarry Town, NY 10591  
914-332-1875

Francis Pandolfi, President

Private

Total Sales FYE 12/87: \$15.0m

Services: Software

INPUT profile available

**Life Insurance Data Processing (LIDP Consulting Services)**

6825 Hobson Valley Drive, Suite 201  
Woodridge, IL 60517  
312-369-6832

William Schnittkes, President

Private

Employees: 8

Services: Software, Prof. Serv.

**Lifetree Software, Inc.**

411 Pacific Street, 3rd Floor  
Monterey, CA 93940  
408-373-4718

Mr. Camilo Wilson, President

Private

Total Sales FYE 11/86: \$7.0m Est.

Services: Software

INPUT profile available

**L'Industrielle-Services Techniques Inc.**

2 Complexe Desjardins, Suite 1317  
Montreal,  
514-284-1111

Maurice Martel, President

Private

Employees: 579

Services: Processing, Prof. Serv.

**Linkware Corporation**

128 Technology Center  
Waltham, MA 02154  
617-894-9330

Wayne Benoit, President

Private

Total Sales FYE 12/86: \$3.5m

Services: Software

**LISP Machine, Inc.**

6 Technology Drive, Building #4  
Andover, MA 01810  
617-682-0500

Ward McKensie, President

Private

Employees: 180

Services: Processing, Software, Prof. Serv., Turnkey

**List**

3381 Ocean Drive  
Vero Beach, FL 32963  
305-231-6904

Private

**Litton Computer Services**

See: Litton Industries, Inc.

**Litton Industries, Inc.**

360 North Crescent Drive  
Beverly Hills, CA 90210  
213-859-5000

Orion L. Hoch, President

Public

Total Sales FYE 07/86: \$4521.0m

**SUBSIDIARIES/DIVISIONS:****Litton Computer Services**

5490 Canoga Ave.  
Woodland Hills, CA 91367  
818-715-6000

Henry Bodurka, President

Total Sales FYE 07/84: \$52.2m

Services: Processing

INPUT profile available

**Western Geophysical**

10001 Richmond Ave  
Houston, TX 77042  
713-789-9600

Neil Cramer, President

Services: Processing

**Living Videotext, Inc.**

2432 Charleston Road  
Mountain View, CA 94043  
415-964-6300

Dave Winer, President

Public

Total Sales FYE 12/86: \$2.5m

Services: Software

**LoBue Associates Inc.**

1135 Clifton Avenue  
Clifton, NJ 07013  
201-778-7007

Carl A. Lobue, President

Total Sales FYE 10/84: \$5.0m

Services: Prof. Serv.

**Local Area Telecommunications, Inc. (LOCATE)**

17 Battery Place, Suite 1935  
New York, NY 10004  
212-509-5111

Pericles Spirakis, CEO

Private

Employees: 25



# CAMS 1987

## Directory of Computer Services Companies

**Lockheed Corporation**

4500 Park Granada Blvd.  
 Calabasas, CA 91399  
 818-712-2000

Robert A. Fuhrman, President  
 Public

**SUBSIDIARIES/DIVISIONS:****CADAM Inc.**

1935 N. Buena Vista St.  
 Burbank, CA 91504  
 818-841-9470

F.H. Puhl, President  
 Total Sales FYE 12/84: \$24.7m  
 Services: Software

**DataCom Systems Corp.**

Glenpoint W. Center East  
 300 Frank Burr Blvd.  
 Teaneck, NJ 07666  
 212-840-1177

Joseph A. Delario, President  
 Total Sales FYE 12/84: \$35.7m  
 Services: Software

**DIALOG Information Services, Inc.**

3460 Hillview Ave.  
 Palo Alto, CA 94304  
 415-858-2700

Roger K. Summit, President  
 Total Sales FYE 12/84: \$33.1m  
 Services: Processing

**Lockheed DataPlan, Inc.**

121 Albright Way  
 Los Gatos, CA 95030  
 408-866-7611

Alan R. Curtis, President  
 Total Sales FYE 12/84: \$4.7m  
 Services: Processing

**Metier Management Systems, Inc.**

5884 Point West Drive  
 Houston, TX 77036  
 713-988-9100

Robin W.I. Lodge, President  
 Services: Software, Turnkey

**Lockheed DataPlan, Inc.**

See: Lockheed Corporation

**Logical Choice (The)**

150 Richmond Terrace  
 Staten Island, NY 10301  
 718-720-8080

Georga Talbot, President  
 Private

Total Sales FYE 03/85: \$0.3m  
 Services: Software, Prof. Serv., Turnkey

**Logical Data Corporation**

4620 Lipscomb Street, N.E., Suite 3  
 Palm Bay, FL 32905-2934  
 305-725-2537

Rick Whitworth, President  
 Private

Employees: 11  
 Services: Software, Prof. Serv.

**Logical Data Management**

529 South Second Ave.  
 Covina, CA 91723-3098  
 818-967-1506

Ricardo Brutucao, President  
 Private

Employees: 35  
 Services: Processing, Software, Prof. Serv., Turnkey

**Logicon, Inc.**

3701 Skypark Drive  
 Torrance, CA 90505  
 213-373-0220

John R. Woodhull, President  
 Public

Total Sales FYE 03/87: \$204.8m  
 Services: Prof. Serv.  
 INPUT profile available

**Logisticon**

4001 Burton Drive  
 Santa Clara, CA 95054  
 408-988-3811

John M. Hill, President  
 Private

Total Sales FYE 12/85: \$4.0m Est.  
 Services: Turnkey  
 INPUT profile available

**Logistics Systems**

199 Wells Avenue  
 Newton, MA 02159  
 617-965-1111

Donals Shapiro, President  
 Private

Employees: 35  
 Services: Software

**Logos Corporation**

1 Dedham Place  
 Dedham, MA 02026  
 617-326-7600

William Hohenstein, President  
 Private

Total Sales FYE 12/86: \$8.0m Est.  
 Services: Software



# CAMS 1987

## Directory of Computer Services Companies

LOK-LYN

**Loki Engineering, Inc.**

55 Wheeler Street  
Cambridge, MA 02138  
617-576-0666  
Arnold Epstein, President  
Private  
Employees: 5  
Services: Software, Prof. Serv., Turnkey

**Lomas & Nettleton Financial Corporation**

1750 Viceroy Drive  
Dallas, TX 75235  
214-920-1600  
Henry Hortenstine, CEO  
Public  
Total Sales FYE 06/85: \$300.5m  
Services: Processing

**SUBSIDIARIES/DIVISIONS:****Symbolics Financial Systems, Inc.**

1740 North Collins Blvd.  
Richardson, TX 75081  
214-238-5750  
Gerry Nelson, President  
Total Sales FYE 12/85: \$6.0m  
Services: Software

**Lone Star Micro**

4239 Herschel Ave  
Dallas, TX 75219  
214-521-2931  
Private

**Lotus Development Corporation**

55 Cambridge Parkway  
Cambridge, MA 02142  
617-577-8500

Jim Mansi, President

Public

Total Sales FYE 12/86: \$282.9m

Services: Software

INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Graphic Communications**

200 Fifth Avenue  
Waltham, MA 02254  
617-890-8778  
Services: Software

**Loud Consulting (The) Corp.**

666 Old Country Road  
Garden City, NJ 11530  
516-794-9200

Douglass Loud, President

Private

Total Sales FYE 07/84: \$0.5m

Services: Processing, Software, Prof. Serv.

**Louis A. Wright & Associates**

44567 Pine Tree Drive  
Plymouth, MI 48170  
313-459-7760

Louis A. Wright, President

Private

Employees: 25

**LPC, Inc.**

1200 Roosevelt Road  
Glen Ellyn, IL 60137-6098  
312-932-7000

Lawrence W. Olson, President

Private

Services: Processing, Software

**LPC, Inc.**

1200 Roosevelt Road  
Glen Ellyn, IL 60137  
312-932-7000

Larry Olson, President

Private

Employees: 80

Services: Processing, Software

**Lundy Electronic & Systems, Inc.**

1 Robert Lane  
Glenhead, NC 28208  
516-671-9000

William N. Stout, President

Public

Total Sales FYE 06/86: \$42.7m

Services: Turnkey

**Lupfer & Long, Inc.**

Box A-57  
Hanover, NH 03755  
603-643-4503

Greg Lupfer, President

Private

Total Sales FYE 12/84: \$0.5m

Services: Software

**LWFW, Inc.**

12700 Park Central, Suite 1805  
Dallas, TX 75251  
214-233-5561

Gary S. Thompson, President

Private

Total Sales FYE 04/85: \$1.0m Est.

Services: Processing, Software, Prof. Serv.

**Lynch Data Processing**

740-A Industrial Dr.  
Cary, IL 60013  
312-639-2351

Robert W. Lynch, President

Private

Total Sales FYE 06/85: \$0.4m

Services: Processing

# CAMS 1987

## Directory of Computer Services Companies

**Lyon Metal Products**

PO Box 671  
Aurora, IL 60507  
312-892-8941  
Public

**SUBSIDIARIES/DIVISIONS:****Catalyst, U.S.A., Inc.**

1971 Washington St.  
Grafton, WI 53024  
414-377-9400  
Gene DeGayner, President  
Total Sales FYE 12/84: \$2.2m  
Services: Turnkey

**Lytron Systems**

1675 North 200 West, Bldg. #2  
Provo, UT 84604  
801-373-6604  
Private

**M/A/R/C Software International, Inc.**

260 Sheridan Avenue, Suite 200  
Palo Alto, CA 94306  
415-326-1971  
Pedro V. Marcal, President  
Private  
Total Sales FYE 12/84: \$5.0m Est.  
Services: Software

**M2C5 Systems, Inc.**

13209 Indian School Road, NE  
Albuquerque, NM 87112  
505-292-5297  
Private

**MacMillan, Inc.**

866 Third Avenue  
New York, NY 10022  
212-702-2000  
William F. Reilly, President  
Public

**SUBSIDIARIES/DIVISIONS:****MacMillan Software**

866 3rd Ave  
New York, NY 10022  
212-702-3241  
Robert Benoh, President  
Services: Software

**Standard Rate & Data Service, Inc.**

3004 Glenview Road  
Wilmette, IL 60091  
312-256-6067  
Leonard R. Kudlata, President

**MacMillan Software**

See: MacMillan, Inc.

**MacNeal-Schwendler Corporation (The)**

815 Colorado Boulevard  
Los Angeles, CA 90041  
213-258-9111  
Joseph F. Gloudeman, President  
Public  
Total Sales FYE 01/86: \$21.1m  
Services: Software  
INPUT profile available

**M/A-Com, Inc.**

7 New England Executive Park  
Burlington, MA 01803  
617-272-9600  
Frank A. Brand, President  
Public  
Total Sales FYE 09/86: \$577.5m

**SUBSIDIARIES/DIVISIONS:****M/A-Com Information Systems, Inc.**

6011 Executive Blvd.  
Rockville, MD 20852  
301-770-1150  
Carl English, President  
Total Sales FYE 09/84: \$50.0m  
Services: Software, Prof. Serv., Turnkey

**M/A-Com Information Systems, Inc.**

See: M/A-Com, Inc.

**Madic Corporation**

3960 Freedom Circle  
Santa Clara, CA 95054-1289  
408-988-8311  
James B. Weil, President  
Private  
Total Sales FYE 12/85: \$15.0m  
Services: Turnkey  
INPUT profile available

**Magee Enterprises**

6577 Peachtree Industrial Blvd.  
Norcross, GA 30092-3796  
404-446-6611  
Private  
Services: Software

**Magic Software, Inc.**

121 W. Mission  
Bellevue, NE 68005  
402-291-0670  
Private  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Magnum Computer Corporation**

6420 E. Broadway, Suite B-357  
Tucson, AZ 85710  
602-748-0676

John Hunnicutt, President  
Private

Total Sales FYE 12/84: \$1.0m  
Services: Processing, Prof. Serv.

**Mailhouse, Inc.**

8711 Lindale Ave. South  
Minneapolis, MN 55420  
612-881-8888

Kevin Egan, President  
Private

Total Sales FYE 02/86: \$5.0m  
Services: Processing

**Mainstay Software**

1745 Stout Street, Suite 201  
Denver, CO 80202  
303-298-8961

Dan Walkovitz, President  
Private

Employees: 5  
Services: Software

**Main Street Software**

1 Harbor Dr.  
Sausalito, CA 94965  
415-332-1274

Larry Miller, President  
Private

Total Sales FYE 06/84: \$2.0m  
Services: Software

**Management Computer Services, Inc.**

2790 Fisher Rd.  
Columbus, OH 43204  
614-272-0202

Donald A. Turner, President  
Private

Employees: 55  
Services: Processing, Software

**Management Cybernetics International (MCI)**

1567 Mt. Vernon Road  
P.O. Box 888467  
Atlanta, GA 30338  
404-393-1144

Private  
Services: Software, Turnkey

**Management Decision Systems, Inc.**

Acquired by: Information Resources, Inc.

**Management Design, Inc.**

2851 S. Parker Rd., Suite 1080  
Aurora, CO 80014  
303-696-6501

Mark C. Smith, President  
Private

Total Sales FYE 08/85: \$1.8m  
Services: Prof. Serv.

**Management Reports Incorporated**

23945 Mercantile Road  
Cleveland, OH 44122  
216-464-3225

Sidney R. Goodman, President  
Private

Total Sales FYE 10/84: \$8.0m

**Management Science America, Inc.**

3445 Peachtree Rd., N.E.  
Atlanta, GA 30326-1276  
404-239-2000

William M. Graves, President  
Public

Total Sales FYE 12/86: \$193.4m  
Services: Software  
INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Information Associates, Inc.**

3000 Ridge Road, East  
Rochester, NY 14622  
716-467-7740

J.G. Robinson, President

**Management Sciences, Inc.**

6022 Constitution Avenue, Suite 3  
Albuquerque, NM 87110  
505-255-8611

Kay Blemel, President  
Private

Total Sales FYE 12/85: \$1.0m  
Services: Software

**Management Systems Corporation**

5201 Green Street, Suite 100  
P.O. Box 72530  
Salt Lake City, UT 84107-2530  
801-264-2900

Bill Weft, President  
Private

Employees: 30

**Management Techniques, Inc.**

2001 Beacon St.  
Boston, MA 02146  
617-232-8377

Stanley Shein, President  
Private

Total Sales FYE 12/84: \$0.9m Est.  
Services: Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Management Technologies, Inc.**

One Penn Plaza, Suite 1010  
New York, NY 10001  
212-239-8224

Barrington J. Fludgate, President

Private

Total Sales FYE 04/86: \$4.5m Est.

Services: Software

**Manager Software Products, Inc.**

131 Hartwell Ave.  
Lexington, MA 02173  
617-863-5800

David DeCosta, President

Private

Total Sales FYE 12/85: \$14.5m

Services: Software

INPUT profile available

**Manof Communications Systems Inc.**

See: Manof Systems, Limited ISRAEL

**Manof Systems, Limited ISRAEL****SUBSIDIARIES/DIVISIONS:****Manof Communications Systems Inc.**

211 E. 43 Street  
New York, NY 10017  
212-490-2010

Jacob Shalev, President

Employees: 120

Services: Turnkey

**Manufacturers Hanover Corporation**

270 Park Avenue  
New York, NY 10017  
212-286-2000

John R. Torelli III, President

Public

**SUBSIDIARIES/DIVISIONS:****SIMPLAN Systems, Inc.**

300 Eastowne Drive, Suite 100  
Chapel Hill, NC 27514  
919-493-2495

Robert C. Verboon, President

Total Sales FYE 12/85: \$1.0m

Services: Software, Prof. Serv.

INPUT profile available

**Manufacturers of Integrated Computer Applications, Inc.**

6101 S. Rural Rd., #101  
Tempe, AZ 85283  
602-897-9576

Frank Roberts, President

Private

Total Sales FYE 12/85: \$5.0m

Services: Software, Prof. Serv.

**Manufacturing and Consulting Services, Inc.**

9500 Toledo Way  
Irvine, CA 92718  
714-951-8858

Mr. Patrick Hanratty, President

Private

Employees: 150

Services: Software

**Manufacturing Data Systems, Inc.**

Merged with: Applicon

**Manufacturing Decision Support Systems, Inc.**

See: Milton Allen & Associates, Inc.

**Manufacturing Resource Management, Inc. (MRM)**

250 N. Patrick Blvd., Suite 150  
Brookfield, WI 53005  
414-792-0400

William Wasseler, President

Private

Employees: 30

Services: Software, Prof. Serv.

**MANUS Services Corporation**

1700 Westlake Ave. North  
Seattle, WA 98109  
206-285-3260

Clifford M. Asplund, President

Private

Total Sales FYE 03/84: \$15.0m

Services: Processing, Software, Prof. Serv., Turnkey

**Maple Plain Company**

See: Carlson Marketing Group

**Marathon Data Systems, Inc.**

429 Sand Shore Road  
Hackettstown, NJ 07840  
201-852-6600

Lee Gruber, President

Private

Total Sales FYE 09/85: \$2.0m Est.

Services: Turnkey

**Marcam Data Systems Corporation**

19 Crawford St.  
Needham, MA 02192  
617-449-5510

Private

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**M/A/R/C, Inc.**

7850 North Belt Line Road  
Irving, TX 75265  
214-506-3400  
Sharon Munger, President  
Public  
Total Sales FYE 03/87: \$54.1m  
Services: Processing

**Marine Bancorp, Inc.****SUBSIDIARIES/DIVISIONS:****Professional Computer Associates, Inc.**

3823 West 12th St.  
Erie, PA 16505  
814-838-6571  
Ed Berger, President  
Employees: 70  
Services: Processing, Prof. Serv.

**Marine Bank Service Corporation**

See: Marine Corporation

**Marine Corporation**

East Old State Capitol Plaza  
Springfield, IL 62701  
217-525-9600  
Private

**SUBSIDIARIES/DIVISIONS:****Marine Bank Service Corporation**

1000 N. Market St.  
Milwaukee, WI 53201  
414-765-3000  
James W. Eyster, President

**Marine Management Systems, Inc.**

102 Hamilton Avenue  
Stamford, CT 06902  
203-327-6404

Eugene D. Story, President

Private

Total Sales FYE 12/84: \$1.0m Est.

Services: Processing, Software, Prof. Serv., Turnkey

**Mariposa Corporation**

3 Harbor Drive, Suite 111  
Sausalito, CA 94965  
415-331-3650

Kathleen Avery, President

Private

Total Sales FYE 10/85: \$1.8m

Services: Prof. Serv.

**Maritime Computer Corporation**

Named changed to: MCC Corporation

**Marketing And Systems Development Corp.**

1200 Wall Street West  
Lyndhurst, NJ 07071  
201-935-9200

Thomas Pucci, President

Private

**Marketing Communications, Inc.**

10605 West 84th Terrace  
Lenexa, KA 66214  
913-492-1575

Robert White, President

Private

Total Sales FYE 12/86: \$12.0m Est.

Services: Processing

**Marketing Information Systems, Inc.**

906 University Place  
Evanston, IL 60201  
312-491-3885

John Kennedy, President

Private

Employees: 10

Services: Processing, Software

**Mark Williams Company**

1430 W. Wrightwood Ave.  
Chicago, IL 60659  
312-472-6659

R. Swartz, President

Private

Total Sales FYE 12/84: \$2.5m

Services: Software

**Marlum Management Corporation**

3072 Crompond Road  
P.O. Box 66  
Yorktown Heights, NY 10598  
914-245-6600

James P. Lambert, President

Private

Employees: 25

Services: Software, Prof. Serv.

**Marmon Group (The)**

39 South LaSalle Street  
Chicago, IL 60603  
312-372-9500

Robert A. Pritsker, President

Public

**SUBSIDIARIES/DIVISIONS:****Marmon Industrial Corporation**

39 South LaSalle Street  
Chicago, IL 60603  
312-372-9500

Robert A. Pritsker, President

Total Sales FYE 12/84: \$75.0m

# CAMS 1987

## Directory of Computer Services Companies

**Marmon Industrial Corporation**

See: Marmon Group (The)

**Marshall & Ilsley**

Milwaukee, WI  
Public

**SUBSIDIARIES/DIVISIONS:****M & I Data Services**

770 North Water Street  
Milwaukee, WI 53201  
414-765-7801

Dennis Kuester, President  
Total Sales FYE 12/86: \$70.0m  
Services: Processing, Software  
INPUT profile available

**Marshall & Stevens, Inc.**

600 S. Common Wealth, Suite 915  
Los Angeles, CA 90005  
213-385-1515

Alex D. Shiach, President  
Private  
Total Sales FYE 12/84: \$19.0m  
Services: Prof. Serv.

**Martee Corporation**

7100 30th Ave. North  
St. Petersburg, FL 33710  
813-345-0100

Harrold F. Flynn, President  
Private  
Total Sales FYE 09/84: \$9.0m  
Services: Processing, Software, Prof. Serv.

**Martek, Inc.**

825 N. Cass Avenue  
Corporate Square, Suite 115  
West Mont, IL 60559  
800-323-6885

Private  
Employees: 25

**Martin and Stern, Inc.**

2615 Pacific Coast Highway  
Hermosa Beach, CA 90254  
213-318-3561

Dan Stern, President  
Private  
Employees: 60  
Services: Prof. Serv.

**Martin Marietta Corporation**

6801 Rockledge Drive  
Bethesda, MD 20817  
301-897-6000

Public  
Total Sales FYE 12/86: \$4752.5m

**SUBSIDIARIES/DIVISIONS:****Martin Marietta Data Systems**

6303 Ivy Lane  
Greenbelt, MD 20770  
301-982-6500

Frederick H. Hudoff, President  
Total Sales FYE 12/86: \$467.4m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**Martin Marietta Data Systems**

See: Martin Marietta Corporation

**Maryland Casualty Co.**

3910 Keswick Road  
Baltimore, MD 21203  
301-366-1000

Public

**SUBSIDIARIES/DIVISIONS:****Advanced Technology Systems, Inc. (ADTEC)**

P.O. Box 6800  
Norcross, GA 30091  
404-447-6604

John Noonan, General Manager  
Total Sales FYE 12/86: \$8.0m Est.  
Services: Software, Prof. Serv.

**Mason Best Company**

515 Post Oak Boulevard  
Houston, TX

**Massachusetts System Company**

28 Edgehill Road  
Waltham, MA 02154  
617-891-1874

Private  
Employees: 5  
Services: Software

**MASSCOMP**

One Technology Park  
Westford, MA 01886  
617-692-6200

Gus Klein, President  
Private  
Employees: 594  
Services: Software

**Master Software Corporation**

8604 Allisonville Road, #309  
Indianapolis, IN 46250  
317-842-7020

Eugen P. Schulstad, President  
Private  
Employees: 5  
Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

MAS-MCC

**Master Systems**

335 Village Square  
Orinda, CA 94563  
415-254-2683  
Stuart D. Proffitt, President  
Private  
Total Sales FYE 11/84: \$1.0m Est.  
Services: Software, Prof. Serv., Turnkey

**Mathematical Applications Group, Inc. (MAGI)**

3 West Chester Plaza  
Elmsford, NY 10523  
914-592-4646  
Warren Weinberg, President  
Public  
Total Sales FYE 03/86: \$9.2m  
Services: Processing

**Matrix Insurance Services Inc.**

1500 West Loop North  
P.O. Box 42  
Houston, TX 77008  
713-690-7676  
Richard Maryen, President  
Private

**Matrix Software Technology Corporation**

One Massachusetts Technology Center  
Harborside Drive  
Boston, MA 02128  
617-567-0037  
Vincent Garofalo, President  
Private  
Total Sales FYE 12/86: \$1.0m Est.  
Services: Software

**Maxell Corporation of America**

60 Oxford Drive  
Moonachie, NJ 07074  
201-440-8020  
Private

**Maxima Computer Management Consultants, Ltd.**

Acquired by: Computer Task Group, Inc.

**May & Speh Processing Center, Inc.**

18 West 100 22nd St.  
Oak Brook Terrace, IL 60181  
312-620-8060  
Al Speh, Jr., President  
Private  
Employees: 200  
Services: Processing

**mbp Software And Systems Technology**

7700 Edgewater Drive #360  
Oakland, CA 94621  
415-632-1555  
Private

**M. Bryce and Associates, Inc.**

777 Aldermand Rd.  
Palm Harbor, FL 33563  
813-786-4567  
Milt Bryce, President  
Private  
Total Sales FYE 12/85: \$2.0m Est.  
Services: Software, Prof. Serv.

**MC2 Engineering Software**

8107 SW 72nd Avenue, Suite 425E  
Miami, FL 33143  
305-665-0100  
Robert S. McClintock, President  
Private  
Employees: 10  
Services: Software

**MCBA, Inc.**

425 West Broadway  
Glendale, CA 91204  
818-242-9600  
Stina Hans, President  
Private  
Total Sales FYE 03/85: \$7.0m  
Services: Software, Prof. Serv.  
INPUT profile available

**MCC Corporation**

511 South Ave.  
Cranford, NJ 07016-3205  
201-272-3500  
Vincent Mongno, President  
Private  
Services: Processing, Software, Prof. Serv.

**McCormack & Dodge Corporation**

See: Dun & Bradstreet Corporation (The)

**MCC Systems Inc.**

650 North Belt East #200  
Houston, TX 77060  
713-445-5544  
Charles McClurkin, President  
Private  
Total Sales FYE 09/84: \$1.0m  
Services: Software, Prof. Serv., Turnkey



# CAMS 1987

## Directory of Computer Services Companies

**McDermott International, Inc.**

1010 Common Street  
New Orleans, LA 70112  
504-587-5400  
J.E. Cunningham, CEO  
Public  
Total Sales FYE 03/86: \$3257.1m

**SUBSIDIARIES/DIVISIONS:****Babcock & Wilcox Co.**

1010 Common Street  
New Orleans, LA 70112  
504-587-5400  
Walter M. Vannoy, President

**Power Computing Company**

1930 Hi Line Drive  
Dallas, TX 75207  
214-655-8822  
Tom Aud, President  
Services: Processing, Software, Turnkey

**McDonnell Douglas Communications Industry Systems Co.**

See: McDonnell Douglas Information Systems Group

**McDonnell Douglas Computer Systems Co.**

See: McDonnell Douglas Information Systems Group

**McDonnell Douglas Diversified Systems Co.**

See: McDonnell Douglas Information Systems Group

**McDonnell Douglas Health Systems Co.**

See: McDonnell Douglas Information Systems Group

**McDonnell Douglas Information Systems Group**

P.O. Box 516  
St. Louis, MO 63116  
314-232-0232

Robert A. Fischer, Executive Officer  
Public

Total Sales FYE 12/86: \$1173.4m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**SUBSIDIARIES/DIVISIONS:****McDonnell Douglas Health Systems Co.**

P.O. Box 516  
St. Louis, MO 63166  
314-232-5939

Frank Stefanik, President

**McDonnell Douglas Diversified Systems Co.**

P.O. Box 526  
St. Louis, MO 63166  
314-232-5819

Richard A. Calvert, President

**McDonnell Douglas Manufacturing and Engineering Systems Co.**

P.O. Box 516  
St. Louis, MO 63166  
314-232-5309

John J. Clancy, President

**McDonnell Douglas Network Systems Co.**

20705 Valley Green Drive  
Cupertino, CA 95014  
408-446-6211

Warren F. Prince, President

**McDonnell Douglas Computer Systems Co.**

P.O. Box 19501  
Irvine, CA 92713  
714-250-1000

Otis Brinkley, President

**McDonnell Douglas Communications Industry Systems Co.**

7535 E. Hampden Ave, Suite 200  
Denver, CO 80231  
303-695-1500

Paul Scholten, President

**McDonnell Douglas Payment Systems Co.**

20705 Valley Green Drive  
Cupertino, CA 95014  
408-446-6432

E.T. Horn, President

**McDonnell Douglas Manufacturing and Engineering Systems Co.**

See: McDonnell Douglas Information Systems Group

**McDonnell Douglas Network Systems Co.**

See: McDonnell Douglas Information Systems Group

**McDonnell Douglas Payment Systems Co.**

See: McDonnell Douglas Information Systems Group

**McGraw-Hill, Inc.**

1221 Avenue of the Americas  
New York, NY 10020  
212-512-2000

Joseph L. Dionne, President  
Public

Total Sales FYE 12/84: \$1401.8m  
Services: Processing, Software, Prof. Serv.



# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:****McGraw-Hill Information Systems Co.**

1221 Avenue of the Americas  
New York, NY 10020  
212-512-2000  
Richard B. Miller, President

**Standard & Poor's Compustat Services, Inc.**

7400 S. Alton Court  
Englewood, CO 80112  
303-771-6510  
J. Edward McEntire, President  
Total Sales FYE 12/84: \$10.2m  
Services: Processing, Software

**McHugh, Freeman and Associates**

1135 Leigon Dr.  
Elm Grove, WI 53122  
414-784-8250

James T. McHugh, President

Private

Employees: 25

Services: Software, Prof. Serv.

**MCOrp**

PO Box 225415  
Dallas, TX 75265  
214-698-5000

**SUBSIDIARIES/DIVISIONS:****MTech**

1925 West John Carpenter Freeway  
PO Box 152055  
Irving, TX 75015-2055  
214-606-4359  
Employees: 2397  
Services: Processing, Software

**MCP of Niagara Inc.**

345 3rd St.  
Niagara Falls, NY 14303  
716-284-0472

Eugene D. Piekarski, CEO

Private

Employees: 7

Services: Software, Prof. Serv.

**MCRB Software**

11633 Victory Boulevard  
North Hollywood, CA 91609  
818-509-1797

Richard Yung, President

Private

Total Sales FYE 01/85: \$16.0m

**MCS, Inc.**

See: Mestek, Inc.

**MC Software, Inc.**

1107 Kennedy Place, Suite 6  
Davis, CA 95616  
916-756-8104

Private

Services: Software

**M&C Systems, Inc.**

P.O. Box 507  
Middletown, NJ 07748  
201-671-4031

Private

**MDR Systems, Inc.**

1900 S. Norfolk Street #125  
San Mateo, CA 94403  
415-349-0810

Dr. Ken A. McGinnis, President

Public

Employees: 7

**MDS Associates**

Named changed to: M&D Systems, Inc.

**MDSC, Inc.**

2814 New Spring Road, Suite 121  
Atlanta, GA 30339  
404-436-2121

Morris M. Bradley, Chairman

Private

Employees: 60

Services: Processing

**M&D Systems, Inc.**

3885 North Buffalo Road  
Orchard Park, NY 14127  
716-662-6611

William Carpenter, President

Private

Employees: 20

Services: Software

**MDX Clinical Data Design, Inc.**

150 North Sunnyslope Road  
Brookfield, WI 53005  
414-782-0300

Private

Services: Software

**Mead Corporation (The)**

Courthouse Plaza  
Dayton, OH 45463  
513-222-6323

Steven C. Mason, President

Public

# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:**

**Mead Data Central**

P.O. Box 933  
Dayton, OH 45401  
513-865-6800  
Jack Simpson, President  
Total Sales FYE 12/84: \$127.0m  
Services: Processing  
INPUT profile available

**Mead Data Central**

See: Mead Corporation (The)

**Mechanical Dynamics**

3055 Plymouth Road  
Ann Arbor, MI 48105  
313-994-3800  
Mr. Michael Korbalsky, President  
Private  
Employees: 35  
Services: Software

**Mechanics & Farmer**

930 Main Street  
Bridgeport, CT 06601  
203-382-6363  
Private

**SUBSIDIARIES/DIVISIONS:**

**FBC, Inc.**

29 Rado Drive  
Naugatuck, CT 06770  
203-723-7487  
Frank Clancy, President  
Total Sales FYE 12/84: \$21.0m  
Services: Processing

**Media Computing Corporation**

157 S. Martha Street  
P.O. Box 185  
Lombard, IL 60148  
312-495-0121  
Tony Oliveri, President  
Private  
Employees: 12

**Medical Data Services, Inc.**

See: Charter Medical Corporation

**Medical Engineering, Inc.**

See: Basic American Medical, Inc.

**Medical Information Technology, Inc. (MEDITECH)**

Meditech Circle  
Westwood, MA 02090  
617-329-5300  
A. Neil Pappalardo, President  
Private  
Total Sales FYE 12/85: \$25.4m  
Services: Processing, Software  
INPUT profile available

**Medical Management Systems, Inc.**

446 West Pontiac  
Fort Wayne, IN 46807  
219-456-2195  
J. Richard Presser, President  
Private  
Total Sales FYE 12/85: \$1.0m Est.  
Services: Processing, Software, Prof. Serv., Turnkey

**Medicomp Of Virginia**

9526-A Lee Highway  
Fairfax, VA 22031  
703-591-0914  
Private

**Medicus Systems Corporation**

One American Plaza, 4th Floor  
Evanston, IL 60201  
312-570-7500  
Jim Stewart, President  
Private  
Total Sales FYE 05/84: \$7.1m  
Services: Software, Prof. Serv.

**Mediflex Systems Corporation**

Acquired by: HBO & Company

**Medstat Systems**

400 East Eisenhower Parkway  
Ann Arbor, MI 48104  
313-996-1180  
Earnest Ludy, President  
Private  
Employees: 32

**Megatek Corporation**

3985 Sorrento Valley Blvd  
San Diego, CA 92121  
714-455-5590  
Paul E. Huber, President  
Private

**MegaWest Systems**

140 W. 2100  
South #126  
Salt Lake City, UT 84115  
801-487-0788  
Mike Archuleta, President  
Private  
Total Sales FYE 09/84: \$1.0m  
Services: Processing, Software, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Mellon Bank Corporation**

Three Mellon Bank Center  
Pittsburgh, PA 15258  
412-234-5000  
George T. Farrell, President  
Public

**SUBSIDIARIES/DIVISIONS:****Mellon Bank Datacenter**

One Mellon Bank Center  
Pittsburgh, PA 15258  
412-234-5654  
Richard A. Gaugh, Senior Vice President  
Total Sales FYE 12/84: \$57.0m Est.  
Services: Processing

**Mellon Bank Datacenter**

See: Mellon Bank Corporation

**Memory Media**

17032 Murphy Avenue  
Irvine, CA 92714  
714-863-1101  
Private

**Memron, Inc.**

1756 Junction Avenue  
San Jose, CA 95112  
408-275-0780  
Private

**Menlo Business Systems, Inc.**

334 State St.  
Los Altos, CA 94022  
415-948-7920  
Ron Snow, President  
Private  
Employees: 12  
Services: Software

**Menlo Corporation**

4633 Old Ironside Dr., Suite 400  
Santa Clara, CA 95054  
408-986-0200  
Lloyd Kreuzer, President  
Private  
Employees: 33  
Services: Software

**Mentis Corporation**

700 Wendall Court S.W.  
Atlanta, GA 30336  
404-691-1183  
Leonard M. Cooper, President  
Private  
Total Sales FYE 03/85: \$1.0m Est.  
Services: Turnkey

**MENTOR Resources Inc.**

One Tara Blvd.  
Nashua, NH 03062  
603-888-2580  
Wes Sager, CEO  
Private  
Total Sales FYE 12/86: \$2.0m Est.  
Services: Software  
INPUT profile available

**Mentor Systems, Inc.**

962 Delaware Avenue  
Lexington, KY 40505  
606-231-0519  
Dr. Thomas Gibbs, President  
Private  
Employees: 75  
Services: Software

**Merit Systems, Inc.**

5800 Crooks Road, Suite 200  
Troy, MI 48098-2814  
313-879-7600  
John M. Yeaton, President  
Private  
Total Sales FYE 09/85: \$14.4m  
Services: Prof. Serv.  
INPUT profile available

**Mestek, Inc.**

260 North Elm Street  
Westfield, Ma 01085  
413-568-9571  
Public

**SUBSIDIARIES/DIVISIONS:****MCS, Inc.**

400 Penn Center Blvd.  
Pittsburgh, PA 15235  
412-823-7440  
Nick Kakavia, President  
Total Sales FYE 12/85: \$10.0m Est.  
Services: Processing, Software, Turnkey

**Metaphor Computer Systems, Inc.**

1965 Charleston Road  
Mountain View, CA 94043  
415-961-3600  
Private

**Metasoft**

6509 W. Frye, Suite 12  
Chandler, AZ 85224  
602-961-0003  
J. Mikel, President  
Private  
Total Sales FYE 11/85: \$2.0m  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Meta Software, Inc.**

363 7th Avenue  
New York, NY 10001  
212-695-5870

Bert Werbell, President

Private

Total Sales FYE 12/86: \$1.5m Est.

Services: Software

**Metier Management Systems, Inc.**

Sec: Lockheed Corporation

**Metro Bank**

10900 Wilshire Boulevard  
Los Angeles, CA 90024  
213-824-5700

James Salin, President

Public

Services: Processing

**Metromail Corporation**

901 West Bond Street  
Lincoln, NE 68521-3694  
402-475-4591

Reginald C. Troncone, Chairman

Public

Total Sales FYE 06/86: \$86.5m

Services: Processing

INPUT profile available

**Metropolitan Life Insurance Company**

One Madison Avenue  
New York, NY 10010  
212-578-2211

John J. Creedon, President

Public

**SUBSIDIARIES/DIVISIONS:****DTSS Incorporated**

Buck Rd.  
P.O. Box 70  
Hanover, NH 03755  
603-645-6600

J. Peter Manso, Jr., President

Total Sales FYE 12/85: \$3.5m

Services: Processing, Software, Prof. Serv.

INPUT profile available

**MICA**

2349 Memorial Blvd.  
Port Arthur, TX 77640  
409-983-2051

Private

Services: Software

**Michaels, Ross & Cole, Ltd.**

1301 W. 22nd Street, Suite 501  
P.O. Box 4533  
Oak Brook, IL 60522-4533  
312-986-9116

Private

Total Sales FYE 03/86: \$1.0m Est.

Services: Software, Prof. Serv.

**Micro Associates**

2300 Highway 365, LB131  
Nederland, TX 77627  
409-724-6583

Private

**Micro Business Applications**

12281 Nicollet Avenue South  
Burnsville, MN 55337  
612-894-3470

Private

**MicroCall Services**

P.O. Box 650  
Laurel, MD 20707  
301-776-5253

Private

Services: Software

**Microcom, Inc.**

1400A Providence Highway  
Norwood, MA 02062  
617-762-9810

James M. Dow, President

Private

Employees: 175

**Micro Courseware Corporation**

4444 Geary Blvd., Suite 300  
San Francisco, CA 94118  
415-751-5223

Private

**Micro Craft, Inc.**

688 Discovery Drive  
Huntsville, AL  
205-830-9746

Joan McIntyre, President

Private

Total Sales FYE 12/84: \$0.6m

Services: Software

**Micro Data Base Systems, Inc.**

660 N. 36th St.  
P.O. Box 248  
Lafayette, IN 47902  
317-447-1122

Dr. Gary Koehler, President

Private

Total Sales FYE 12/85: \$27.0m

Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Micro Decisionware**

2995 Wilderness Place  
Boulder, CO 80301  
303-443-2706  
John Quinlan, President  
Private  
Total Sales FYE 12/85: \$0.5m Est.  
Services: Software

**Micro D, Inc.**

2801 S. Yale St.  
Santa Ana, CA 92704  
714-540-4781  
Harold L. Clark, President  
Public  
Total Sales FYE 12/85: \$119.8m  
Services: Software  
INPUT profile available

**Micro-Focus, Inc.**

2465 E. Bayshore Rd., Suite 400  
Palo Alto, CA 94303  
415-856-4161  
Paul O'Grady, President  
Public  
Total Sales FYE 11/84: \$27.2m  
Services: Software

**Micrografx**

1820 N. Greenville Avenue  
Richardson, TX 75081  
214-234-1769  
Paul Grayson, President  
Private  
Employees: 25  
Services: Software

**Micro Logic Corp.**

100 Second Street  
P.O. Box 174  
Hackensack, NJ 07602  
201-342-6518  
Private  
Services: Software

**Microlytics, Inc.**

300 Main St.  
East Rochester, NY 14445  
716-248-9150  
Michael Weiner, President  
Private  
Employees: 20  
Services: Software

**Micro Manufacturing Systems**

2600 Corporate Exchange Drive, Suite 190  
Columbus, OH 43229  
614/895-0738  
Larry Fox, President  
Private  
Total Sales FYE 12/84: \$1.5m Est.  
Services: Software

**Micro-MRP, Inc.**

Century Plaza, 1st Floor  
1065 East Hilldale Blvd.  
Foster City, CA 94404  
415-345-6000  
R. Ely, President  
Private  
Employees: 80  
Services: Software

**MicroPro International Corporation**

33 San Pablo Avenue  
San Rafael, CA 94903  
415-499-1200  
Leon Williams, President  
Public  
Total Sales FYE 08/86: \$38.2m  
Services: Software  
INPUT profile available

**Micro Resources, Inc.**

378B Bell Marin Key Blvd.  
Novato, CA 94947  
415-382-1337  
Anthony Gass, President  
Private  
Employees: 6  
Services: Software

**Microrim, Inc.**

3925 159th Avenue N.E.  
Redmond, WA 98007  
206-885-2000  
David F. Hull, President  
Private  
Services: Software

**Microserve, Inc.**

276 Fifth Avenue  
New York, NY 10001  
212-683-2811  
Harold Bondy, President  
Private  
Total Sales FYE 08/85: \$1.0m Est.  
Services: Processing, Software, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Microsoft Corporation**

16011 N.E. 36th Way  
Box 97017  
Redmond, WA 98073-9717  
206-882-8080  
John Shirley, President  
Public  
Total Sales FYE 06/86: \$187.5m  
Services: Software  
INPUT profile available

**Micro Software International**

The Silk Mill  
44 Oak Street  
Newton Upper Falls, MA 02164  
617-527-7510  
Private

**Micro SPARC, Inc.**

45 Winthrop Street  
Concord, MA 01742  
617-371-1660  
F.L. Mike Harvey, President  
Private  
Total Sales FYE 01/85: \$4.0m  
Services: Software

**Microsystems Engineering Corporation**

2400 W. Hassell Road, Suite 400  
Hoffman Estates, IL 60195  
312-882-0111  
Evertt Karles, President  
Private  
Employees: 80  
Services: Software

**Micro-Systems Software, Inc.**

4301-18 Oak Circle  
Boca Raton, FL 33431  
305-391-5077  
Private  
Employees: 13  
Services: Software

**Micro-Tax**

See: Computer Language Research, Inc.

**Microtec Research, Inc.**

3930 Freedom Circle  
Santa Clara, CA 95054  
408-733-2919  
Private  
Services: Software

**Micro Tempos, Inc.**

440 Dorchester Blvd., West, Suite 300  
Montreal, H2Z 1V7  
514-397-9512  
Yvon Le veille, President  
Private  
Employees: 45  
Services: Software

**Mid-America Information Systems, Inc.**

2603 W. 22nd St., Suite 23  
Oak Brook, IL 60521  
312-325-3600  
P. Youngwith, President  
Private  
Services: Software, Prof. Serv., Turnkey

**M & I Data Services**

See: Marshall & Ilsley

**Midec, Inc.**

267 Kappa Drive  
Pittsburgh, PA 15238  
412-963-6611  
Thomas Stylsinger, President  
Private  
Total Sales FYE 12/86: \$3.5m Est.  
Services: Software, Prof. Serv.

**MIDEC, Inc.**

267 Kappa Drive  
Pittsburgh, PA 15238  
412-963-6011  
Thomas P. Stylsinger, President  
Private  
Total Sales FYE 06/86: \$2.0m  
Services: Software, Prof. Serv.  
INPUT profile available

**Midec Incorporated**

16390 Pacific Coast Highway, Suite 210  
Huntington Beach, CA 92649  
213-592-2882  
Private

**Midwest Data Systems, Inc.**

See: Celina Financial Corporation

**Midwest Software**

1160 Applesseed Lane  
St. Louis, MO 63132  
314-997-2369  
Private

# CAMS 1987

## Directory of Computer Services Companies

**Migent Software, Inc.**

865 Tahoe Blvd.  
P.O. Box 6062  
Incline Village, NV 89450  
702-832-3700  
Carl Gritzmacher, President  
Public  
Employees: 63  
Services: Software

**Milton Allen & Associates, Inc.**

1717 East 9th Street  
Cleveland, OH 44114  
216-861-8100  
Milton N. Allen, President  
Private  
Total Sales FYE 12/84: \$2.5m  
Services: Processing, Software, Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****Manufacturing Decision Support Systems, Inc.**

300 East Ohio Building  
1717 E. 9th St.  
Cleveland, OH 44114  
216-861-8100  
Milton Allen, President  
Employees: 23  
Services: Software

**Mindscape**

3440 Dundee Road  
Northbrook, IL 60062  
312-480-7667  
Rodger Buoy, CEO  
Private  
Employees: 70  
Services: Software, Prof. Serv.

**Mind Work Software**

P.O. Box 222280  
Carmel, CA 93922  
800-367-4334  
Private  
Services: Software

**Mineral Search, Inc.**

12344 Perry Road  
Houston, TX 77070  
713-890-7600  
William C. Oliver, President  
Private  
Employees: 75

**Mini-Computer Systems, Inc.**

5 Corporate Park Dr.  
White Plains, NY 10604  
914-694-1104  
Michael W. Brennan, President  
Public  
Total Sales FYE 10/84: \$6.5m  
Services: Software, Turnkey

**Minicomputer Systems Incorporated (MSI)**

2037 16th St.  
Boulder, CO 80302  
303-443-3347  
D.J. Steele, President  
Private  
Employees: 21

**Mini Data Systems Corp.**

2041 Rosecrans Ave.  
El Segundo, CA 90245  
213-640-0404  
Bill Myers, President  
Private  
Total Sales FYE 06/85: \$5.0m  
Services: Turnkey

**Minimax Research Corporation**

2435 Durant Avenue  
Berkeley, CA 94704  
415-848-2548  
Carlos M. Puig, President  
Private  
Total Sales FYE 06/84: \$1.0m Est.

**Mirror Images Software Inc.**

504 Broadway  
Troy, NY 12180  
518-274-2335  
Private

**MIS Associates**

52 Grant Hill Court  
Clifton Park, NY 12065  
518-371-4331  
Steve Fallum, President  
Private  
Total Sales FYE 12/85: \$0.2m  
Services: Software, Prof. Serv.

**Mitchell A. Fink Associates**

Five Baldwin Place  
New York, NY 10956  
914-634-1260  
Mitchell A. Fink, President  
Private  
Total Sales FYE 12/84: \$0.5m  
Services: Software



# CAMS 1987

## Directory of Computer Services Companies

**Mitchell and Gauthier Associates**

290 Baker Avenue  
Concord, MA 01742  
617-369-5115  
Indy Pommers, President  
Private  
Employees: 12  
Services: Software

**Mitchell Management Systems**

Westboro Office Park  
2000 West Park Drive  
Westboro, MA 01581  
617-366-0800  
Neil Mitchell, Jr., President  
Private  
Employees: 35  
Services: Software

**Mitchell Sweet & Associates**

1626 South Edward Drive  
Tempe, AZ 85281  
602-968-2900  
Mitchell Sweet, President  
Private  
Total Sales FYE 07/86: \$8.8m  
Services: Processing, Software

**Mitec Computer Business Systems Corporation**

21250 Califa Street, Suite 102  
Woodland Hills, CA 91367  
818-999-2311  
Harold A. Kurty, CEO  
Private  
Total Sales FYE 03/85: \$1.2m  
Services: Turnkey

**MITRE Corporation**

Burlington Road  
Bedford, MA 01730  
617-271-2000  
Charles A. Zrakat, President  
Public  
Total Sales FYE 12/85: \$400.0m  
Services: Prof. Serv.

**Mitrol Incorporated**

800 West Cummings Park  
Woburn, MA 01801  
617-933-9545  
Samuel Stein, President  
Private  
Total Sales FYE 12/86: \$9.0m Est.  
Services: Software  
INPUT profile available

**Mobius Management Systems, Inc.**

1 Sheraton Plaza  
New Rochelle, NY 10801  
914-632-7960  
Mitchell Gross, President  
Private  
Employees: 40  
Services: Software, Prof. Serv.

**Modtec International**

656 Bair Island Rd., Suite 302  
Redwood City, CA 94063  
415-367-6855  
Private

**Modular Information Systems, Inc.**

See: Newtrend Group, Ltd. (The)

**Molecular Design, Ltd.**

2132 Farallon Drive  
San Leandro, CA 94577  
415-895-1313  
Steven Goldby, President  
Private  
Total Sales FYE 12/85: \$10.0m  
Services: Software, Prof. Serv.  
INPUT profile available

**MOM Corporation (The)**

1575 Northside Drive  
100 Atlanta Technology Center  
Atlanta, GA 30318  
404-351-2902  
Mike Jones, President  
Private  
Total Sales FYE 12/85: \$13.2m  
Services: Software, Turnkey

**MoneyCare, Inc.**

253 Martens Avenue  
Mountain View, CA 94040  
415-962-0333  
Ed Van Deman, President  
Private  
Employees: 5  
Services: Software

**Money Management Systems, Inc.**

Bay Colony Corporate Center  
950 Winter Street, Suite 1900  
Waltham, MA 02154  
617-890-2070  
Jay Goldberg, President  
Private  
Total Sales FYE 12/86: \$3.5m Est.  
Services: Processing, Software, Prof. Serv., Turnkey

**Moore Data Management Systems**

See: Moore Business Forms, Inc.

# CAMS 1987

## Directory of Computer Services Companies

**Morgan Computing**

P.O. Box 112730  
Dallas, TX 75011  
214-739-5895

Private  
Employees: 6

**Morino Associates, Inc.**

8615 Westwood Center Dr.  
Vienna, VA 22180-9494  
703-734-9494

Mario Morino, President  
Public  
Total Sales FYE 06/86: \$24.6m  
Services: Software  
INPUT profile available

**Morrell Systems Corporation**

3098 Piedmont Rd, Suite 404  
Atlanta, GA 30305  
404-262-2298

Dick Collins, Manager  
Private  
Services: Software, Prof. Serv.

**Mosaic Software, Inc.**

1972 Massachusetts Ave.  
Cambridge, MA 02140  
617-491-2434

Richard Bezjian, President  
Private  
Total Sales FYE 12/85: \$0.6m  
Services: Software

**Mosby Systems**

11830 Westline Industrial Drive  
St. Louis, MO 63141  
314-872-8370

Private

**Mossland Technology**

8536 Church Street  
Gilroy, CA 95020  
408-848-2678

Private

**Motorola Computer Systems**

10700 North DeAnsa Boulevard  
Cupertino, CA 95014  
408-255-0900

West Thraash, CEO  
Employees: 1000  
Services: Processing, Software

**Mountain Computer, Inc.**

300 El Pueblo Road  
Scotts Valley, CA 95066  
408-438-6650

Private

**Mountain Software Growers, Inc.**

5201 Mitchelldale, Suite B-4  
Houston, TX 77092  
713-680-3059

Private  
Total Sales FYE 02/86: \$1.5m Est.  
Services: Software, Prof. Serv., Turnkey

**Mouse Systems Corporation**

2600 San Tomas Expressway  
Santa Clara, CA 95051  
408-988-0211

Robert V. Dickinson, President  
Private  
Total Sales FYE 12/85: \$4.0m Est.  
Services: Software

**MPSI Systems, Inc.**

8282 South Memorial Dr.  
Tulsa, OK 74133  
918-250-9611

R.G. Harper, Chairman  
Public  
Total Sales FYE 09/86: \$23.4m  
Services: Processing, Software  
INPUT profile available

**M Tech**

1925 West John Carpenter Freeway  
Irving, TX 75015  
214-506-4000

Darwin Deason, Chairman  
Public  
Total Sales FYE 12/86: \$198.6m  
Services: Processing, Software  
INPUT profile available

**MTech**

See: MCorp

**Mt. Xiru**

2560 9th Street, Suite 312  
Berkeley, CA 94710  
414-644-0146

Robert Kridle, President  
Private  
Employees: 12  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Muller-Mugno Corporation**

42 Broadway, Suite 1749  
New York City, NY 10004  
212-344-0422

Raymond Mugno, Vice President

Private

Employees: 15

Services: Processing, Prof. Serv.

**Multimate International**

Acquired by: Ashton-Tate

**Multiple Technologies Corporation**

24370 Northwestern Highway  
Southfield, MI 48076  
313-353-2000

William A. Phillips, President

Private

Total Sales FYE 12/84: \$15.0m

Services: Prof. Serv.

**Multisoft, Inc.**

See: Multi Solutions, Inc.

**Multi Solutions, Inc.**

123 Franklin Corner Rd., Suite 207  
Lawrenceville, NJ 08648  
609-896-4100

Robert R. Knight, President

Public

Employees: 20

Services: Software

**SUBSIDIARIES/DIVISIONS:****Multisoft, Inc.**

510 Thornall Street, Third Floor  
Edison, NJ 08837  
201-549-7722

Dr. Martin Edelstein, President

Employees: 30

Services: Software

**Multi-Systems, Inc.**

4450 North 12th Street  
Phoenix, AZ 85014  
602-279-2999

John Glitsos, President

Private

Total Sales FYE 12/86: \$0.5m Est.

Services: Software

**Muse Software, Inc.**

347 N. Charles Street  
Baltimore, MD 21201  
301-659-7212

Ed Zaron, President

Private

Total Sales FYE 12/84: \$6.0m Est.

Services: Software

**Mutual Advisory Corporation****SUBSIDIARIES/DIVISIONS:****Mutual Services Institute**

1525 Washington Street  
Braintree, MA 02184  
617-849-1600

Edward Boudris, President

Total Sales FYE 10/86: \$5.0m Est.

Services: Processing

INPUT profile available

**Mutual Services Institute**

See: Mutual Advisory Corporation

**MVC Associates, Inc.**

11 Skokie Blvd., Suite 302  
Lake Bluff, IL 60044  
312-295-3344

Donald Cran, President

Private

Total Sales FYE 07/85: \$1.0m Est.

Services: Software, Prof. Serv.

**MWL Incorporated**

32038 Watergate Court  
Westlake Village, CA 91361  
818-706-3568

Michael W. Lodato, President

Private

Total Sales FYE 09/84: \$0.1m

Services: Software, Prof. Serv.

**Mycroft Labs, Inc.**

2615 N. Monroe Street  
P.O. Box 6045  
Tallahassee, FL 32303  
904-385-1141

Lawrence E. Hughes, President

Private

Total Sales FYE 12/84: \$0.7m

Services: Software

**Mylee Digital Sciences, Inc.**

155 Weldon Parkway  
Maryland Heights, MO 63043  
314-567-3420

James R. Moser, President

Private

Total Sales FYE 10/85: \$3.0m

Services: Turnkey

**Nantucket Corporation**

5995 S. Sepulveda Blvd.  
Culver City, CA 90230  
213-390-7923

George A. Juarez, President

Private

Employees: 30

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Nastec**

24681 Northwestern Highway  
 Southfield, MI 48075  
 313-653-3300  
 James McGuire, President  
 Private  
 Total Sales FYE 12/85: \$7.0m Est.  
 Services: Software  
 INPUT profile available

**National Bancard Corporation**

1471 S.W. 12th Ave.  
 Pompano Beach, FL 33060  
 305-785-2100  
 Walley Whitley, President  
 Private  
 Total Sales FYE 12/86: \$78.8m  
 Services: Processing

**National Business Systems, Inc.**

30 Tower Lane  
 Avon Park South  
 Avon, CT 06001  
 203-677-8396  
 Dr. Jay Chang, President  
 Private  
 Employees: 30  
 Services: Software

**National College Services**

16220 South Frederick Road  
 Gaithersburg, MD 20877  
 301-258-0717  
 Dr. Herman Davis, President  
 Private  
 Total Sales FYE 06/86: \$0.5m  
 Services: Processing, Software, Prof. Serv.  
 INPUT profile available

**National Computer Analysts, Inc.**

Merged with: MTech

**National Computer Syndicate**

1300 S Wolf Road  
 Wheeling, IL 60090  
 312-459-6400  
 Private

**National Computer Systems, Inc.**

11000 Prairie Lakes Drive  
 Eden Prairie, MN 55344  
 612-830-7600  
 David C. Malmberg, President  
 Public  
 Total Sales FYE 01/86: \$215.0m  
 Services: Processing, Software, Turnkey

**National Com-Serv, Inc.**

451 Hungerford Drive  
 Rockville, MD 20850  
 301-251-1880  
 Private  
 Employees: 100  
 Services: Processing, Prof. Serv.

**National Database Software, Inc.**

5488 Centerbrook  
 West Bloomfield, MI 48033  
 313-851-5560  
 David Kleinberg, President  
 Private  
 Services: Software

**National Data Communications, Inc.**

5440 Harvest Hill  
 Dallas, TX 75230  
 214-386-0600  
 Jack S. Young, President & C.E.O.  
 Public  
 Total Sales FYE 10/86: \$5.1m  
 Services: Prof. Serv., Turnkey  
 INPUT profile available

**National Data Corporation**

National Data Plaza  
 Atlanta, GA 30329  
 404-728-2000  
 L.C. Whitney, Chairman  
 Public  
 Total Sales FYE 05/86: \$142.8m  
 Services: Processing, Prof. Serv., Turnkey  
 INPUT profile available

**National Decision Systems, Inc.**

539 Encinitas Boulevard  
 Encinitas, CA 92024  
 619-942-7000  
 Private  
 Employees: 65

**National Demographics & Lifestyles, Inc.**

1621 Eighteenth Street, Suite 300  
 Denver, CO 80202-5000  
 303-292-5000  
 Jack Bickert, President  
 Public  
 Total Sales FYE 12/85: \$9.2m  
 Services: Processing

**National Distributor Systems**

959 Main Street  
 Stratford, CT 06497  
 203-378-6010  
 John Hillgen, President  
 Private  
 Total Sales FYE 10/86: \$1.7m  
 Services: Prof. Serv., Turnkey  
 INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

### National Field Service Corp.

182 Orange Ave  
Soffern, NY 10901  
914-368-1600

Richard W. Avasian, President  
Private  
Employees: 25  
Services: Prof. Serv.

### National FSI, Inc.

4501 West Mockingbird  
Dallas, TX 75209  
214-689-3200

William D. McFarlin, President  
Public  
Total Sales FYE 12/86: \$15.4m  
Services: Software, Prof. Serv.

### National Guest Systems Corporation

622 Hungerford Dr., Suite 2  
Rockville, MD 20850  
301-424-4014

David Burroughs, President  
Private  
Employees: 20  
Services: Software, Prof. Serv., Turnkey

### National Info Systems, Inc.

20370 Town Center Lane, Suite 130  
Cupertino, CA 95014  
408-257-7700

Arden Scott, President  
Private  
Total Sales FYE 12/86: \$5.0m Est.  
Services: Processing, Software

### National Intergroup

#### SUBSIDIARIES/DIVISIONS:

#### ENIX Corporation

20 Stanwix Street  
Pittsburgh, PA 15222  
412-394-4306

Raul Pupo, President  
Total Sales FYE 10/86: \$25.0m  
Services: Processing

#### GENIX Corporation

20 Stanwix Street  
Pittsburgh, PA 15222  
412-394-4699

Raul Pupo, President  
Total Sales FYE 03/86: \$25.0m  
Services: Processing

### National Language Products

1786 5th Street  
Berkeley, CA  
415-841-3500

Bob Boseman, President  
Private  
Employees: 6  
Services: Software

### National Planning Data Corporation

P.O. Box 610  
Ithaca, NY 14851  
607-273-8208

Douglas Salter, President  
Private  
Total Sales FYE 12/84: \$2.0m  
Services: Processing

### Nationwide Computer Services

Interstate 45  
Box 610  
Ennis, TX 75119  
214-875-4756

Harold Jones, President  
Private  
Total Sales FYE 06/85: \$3.0m Est.  
Services: Processing, Software

### Navic Software

P.O. Box 14727  
Palm Beach, FL 33408  
305-627-4132

Private

### NCA Corporation

3250 Jay Street  
Santa Clara, CA 95054  
408-986-1800

John C. Cavalier, President  
Public  
Total Sales FYE 12/86: \$20.8m  
Services: Processing, Software, Prof. Serv.  
INPUT profile available

### NCR Corporation

1700 South Patterson Blvd.  
Dayton, OH 45479  
513-445-5000

Charles E. Exley, Jr., President  
Public  
Total Sales FYE 12/86: \$4881.6m

#### SUBSIDIARIES/DIVISIONS:

#### NCR Data Services Division

1700 South Patterson Boulevard  
Dayton, OH 45479  
513-445-4600

James D. Wise, Vice President  
Total Sales FYE 06/86: \$73.0m  
Services: Processing  
INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**NCR Data Services Division**

See: NCR Corporation

**NDX Corporation**

10400 Eaton Place  
Fairfax, VA 22030  
703-273-1196

Charles Dudley, President

Private

Employees: 8

Services: Software

**Neodata Services**

See: Dun &amp; Bradstreet Corporation (The)

**Netec International Inc.**

P.O. Box 18538  
Dallas, TX 75218  
214-324-2848

Gart W. Goodwin, President

Private

Total Sales FYE 12/84: \$1.6m

Services: Software

**Network Computing Corporation**

5301 77th Center Drive  
Charlotte, NC 28210  
704-525-8810

James V. Tomai III, President

Private

Total Sales FYE 12/85: \$8.5m

Services: Processing, Software, Turnkey  
INPUT profile available**Network Data Processing Corporation**

200 5th Ave. Southeast  
Cedar Rapids, IA 52407  
319-398-1800

John Belard, President

Public

Total Sales FYE 03/86: \$3.0m

Services: Processing, Software

**Network Innovations Corporation**

20863 Stevens Creek Boulevard  
Cupertino, CA 95014  
408-257-6800

Jim Groff, President

Private

Employees: 17

Services: Software

**Network Software Associates, Inc.**

22982 Mill Creek  
Laguna Hills, CA 92653  
714-768-4013

Isaac Kong, President

Private

Employees: 9

Services: Software, Prof. Serv.

**Network Solutions**

8229 Boone Blvd., 7th Floor  
Vienna, VA 22180  
703-749-1900

Tyron Grigsby, President

Private

Total Sales FYE 12/85: \$16.0m

Services: Prof. Serv.

**Network Solutions, Inc.**

401 Jefferson Boulevard  
Warwick, RI 02886  
401-739-3850

Bob Rabicar, President

Private

Total Sales FYE 12/85: \$2.0m

Services: Prof. Serv.

**Network Strategies, Inc.**

10201 Lee Highway  
Fairfax, VA 22030  
703-352-9700

Charles Joyce, President

Private

Employees: 60

Services: Prof. Serv.

**Network Systems Corporation**

7600 Boone Avenue North  
Minneapolis, MN 55428  
612-424-4888

James E. Thornton, CEO

Public

Total Sales FYE 12/86: \$108.8m

Services: Prof. Serv., Turnkey

**New Generation Software, Inc.**

3840 Rosin Ct., Suite 200  
Sacramento, CA 95384  
916-920-2200

Allan Shabet, President

Private

Total Sales FYE 10/86: \$7.0m Est.

Services: Software, Prof. Serv., Turnkey

**Newline Software**

P.O. Box 402  
Littleton, MA 01460  
617-486-8535

Private

**Newport-West Data Services, Inc.**

2200 Martin Ave.  
Santa Clara, CA 95050  
408-970-9188

John D. Harker, President

Private

Total Sales FYE 12/86: \$0.3m Est.

Services: Processing, Software, Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Newtrend Group, Ltd. (The)**

1900 Spring Road, Suite 200  
Oak Brook, IL 60521  
312-986-0105

Private

Total Sales FYE 01/86: \$2.4m Est.

Services: Software

**Nixdorf Computer Corp.**

300 Third Ave  
Waltham, MA 02154  
617-890-3600

Private

**SUBSIDIARIES/DIVISIONS:****Modular Information Systems, Inc.**

2601 Technology Drive  
Orlando, FL 32804  
305-297-0870

John Person, President

Total Sales FYE 01/87: \$30.0m Est.

Services: Software, Prof. Serv., Turnkey

INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Nixdorf Computer Engineering Co.**

6517 Everglades Dr.  
Richmond, VA 23225  
804-276-9200

Jose Santiago, President

Total Sales FYE 12/84: \$10.0m

Services: Software

**Nixdorf Computer Engineering Co.**

See: Nixdorf Computer Corp.

**New Venture/Ketchum Communications**

250 Sobrante Way  
Sunnyvale, CA 94086  
408-737-7070

Rob Campbell, President

Private

Employees: 13

Services: Software

**Nolan, Norton & Company, Inc.**

One Crankberry Hill  
Lexington, MA 02173  
617-862-8820

David P. Norton, President

Private

Employees: 150

Services: Prof. Serv.

**NFP Management Systems**

1015 E. Hillside Blvd., Suite 208  
Foster City, CA 94404  
415-574-2262

Chris Castro, President

Private

Total Sales FYE 05/84: \$2.0m

Services: Turnkey

**Non-Procedural Systems, Inc.**

51 Riverside Avenue  
Westport, CT 06880  
203-222-0230

Harold Fienlab, Chairman

Private

Employees: 20

**Nichols & Company, Inc.**

5839 Green Valley Circle, Suite 104  
Culver City, CA 90230  
213-670-6400

John F. Nichols, President

Private

Total Sales FYE 12/85: \$0.1m Est.

**North American Business Systems, Inc.**

3840 Lindell Blvd.  
St. Louis, MO 63108  
314-534-7404

James L. Buckley, Jr., President

Private

Total Sales FYE 12/85: \$1.0m

Services: Software

**Nims Associates, Inc.**

363 South Main Street  
Decatur, IL 62523  
217-423-6115

Bruce Nims, President

Private

Employees: 15

Services: Software, Prof. Serv.

**North Bay Systems, Inc.**

1623 Bridgeway, Suite 100  
Sausalito, CA 94965  
415-331-3664

Thomas Anderson, President

Private

Employees: 8

Services: Software



# CAMS 1987

## Directory of Computer Services Companies

**Northeast Business Computers, Inc.**

49 Centerville Road  
Warwick, RI 02886  
401-738-7055  
Douglas J. Howard, President  
Private  
Employees: 20  
Services: Software, Prof. Serv., Turnkey

**Northeastern Computer Service, Inc.**

6464 Ridings Road  
Syracuse, NY 13206  
315-463-0200  
Ralph V. Polera, President  
Public  
Total Sales FYE 12/85: \$1.6m  
Services: Processing

**Northouse Industries, Inc.**

7110 W. Fond du Lac Avenue  
Milwaukee, WI 53218  
414-438-0610  
Rich Northouse, President  
Private  
Employees: 13

**Northwest Analytical, Inc.**

520 N.W. Davis Street  
Portland, OR 97209  
503-224-7727  
Jeffery L. Cawley, CEO  
Private  
Employees: 14  
Services: Software

**Northwest Corporate Group****SUBSIDIARIES/DIVISIONS:****Northwest Management Services, Inc.**

2323 Eastlake Ave. East  
Seattle, WA 98102  
206-329-9990  
Michael Herman, COO  
Total Sales FYE 03/86: \$5.0m Est.  
Services: Processing

**Northwest Management Services, Inc.**

See: Northwest Corporate Group

**Nortridge Software, Inc.**

18 West Stephenson, Inc.  
P.O. Box 522  
Freeport, IL 61032  
815-233-2050  
Vale Nortridge, President  
Private  
Total Sales FYE 12/85: \$0.8m Est.  
Services: Software  
INPUT profile available

**Norwest Corporation**

1200 Peavey Building  
Minneapolis, MN 55479  
612-372-8268  
Lloyd P. Johnson, President  
Public  
Total Sales FYE 12/86: \$559.0m

**SUBSIDIARIES/DIVISIONS:****Norwest Information Services, Inc.**

255 Second Avenue  
Des Moines, IA 50307  
515-243-2131  
John G. Geiken, President  
Services: Processing, Prof. Serv.

**Norwest Information Services, Inc.**

See: Norwest Corporation

**Novell, Inc.**

1200 East 1700 South  
Provo, UT 84601  
801-226-8202  
Raymond J. Noorda, President  
Public  
Total Sales FYE 10/86: \$81.5m  
Services: Software

**NSA, Inc.**

One Cherry Hill  
Cherry Hill, NJ 08002  
609-667-5000  
Nathan Konecky, President  
Public  
Total Sales FYE 09/86: \$6.4m  
Services: Processing, Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****ARMS, Inc.**

1 Cherry Hill, Suite 300  
Cherry Hill, NJ 08002  
609-667-5000  
Nathan Konecky, President  
Total Sales FYE 09/86: \$6.9m  
Services: Prof. Serv.

**NSC, Inc.**

207 S. Main St.  
Brillion, WI 54110  
414-756-5305  
Lawrence J. Nies, President  
Private  
Total Sales FYE 12/85: \$0.7m  
Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**NuClas Corp.**

239 Fox Hill Road  
 Denville, NJ 07834  
 201-625-8838  
 George Blank, President  
 Private  
 Employees: 7  
 Services: Software, Prof. Serv., Turnkey

**NuComp Systems, Inc.**

Merged with: Broadway & Seymour, Inc.

**Numerax, Inc.**

230 West Passaic Street  
 Maywood, NJ 07607  
 201-368-0170  
 Keith J. Keenan, President  
 Public  
 Total Sales FYE 06/85: \$9.9m  
 Services: Processing, Prof. Serv.  
 INPUT profile available

**Numeridex, Inc.**

241 Holbrook Drive  
 P.O. Box 11000  
 Wheeling, IL 60090  
 312-541-8840  
 William Gapp, President  
 Private  
 Total Sales FYE 12/84: \$14.0m  
 Services: Prof. Serv.

**Nutri Med. Inc.**

1701 M. Greenville, #712  
 Richardson, TX 75081  
 214-669-2465  
 H. W. Richmond, President  
 Private  
 Total Sales FYE 12/84: \$0.3m  
 Services: Software, Turnkey

**NY Information Systems Inc.**

1653 East Main St.  
 Rochester, NY 14609  
 716-654-8710  
 Walter C. Pacyga, President  
 Private  
 Employees: 8  
 Services: Processing, Software, Prof. Serv., Turnkey

**OAQ Corporation**

7500 Greenway Center  
 Greenbelt, MD 20770-3585  
 301-345-0750  
 Cecile deLisle Barker, President  
 Private  
 Total Sales FYE 06/86: \$65.0m  
 Services: Processing, Prof. Serv.  
 INPUT profile available

**Oasys**

60 Aberdeen Avenue  
 Cambridge, MA 02138  
 617-491-4180  
 Joel Schacht, President  
 Private  
 Employees: 90  
 Services: Software

**Oceanic Information Systems, Inc.**

See: Oceanic Information Systems, Inc. CANADA

**Oceanic Information Systems, Inc. CANADA**

Roxdale,  
 Private  
 Total Sales FYE 07/85: \$8.5m  
 Services: Software

**SUBSIDIARIES/DIVISIONS:****Oceanic Information Systems, Inc.**

Middlesex Technology Center #8  
 900 Middlesex Turnpike  
 Billerica, MA 01821  
 617-633-0194  
 Michael Ford, President  
 Services: Software

**OCTAL Inc.**

1951 Colony Street  
 Mountain View, CA 94043  
 415-962-8080  
 Ralph H. Guditz, President  
 Private  
 Employees: 15  
 Services: Processing, Software

**Octel Communications Corporation**

890 Tasman Drive  
 San Jose, CA 95035-7439  
 408-942-6700  
 Robert Cohn, President  
 Private  
 Total Sales FYE 06/86: \$10.0m Est.  
 Services: Turnkey  
 INPUT profile available

**OCTO Ltd.**

Martinsville Center  
 Martinsville, NJ 08836  
 201-981-1110  
 James N. Ottobro, President  
 Public  
 Total Sales FYE 06/86: \$6.5m  
 Services: Processing, Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**ODESTA Corporation**

3186 Doolittle Drive  
Northbrook, IL 60062  
312-498-5615  
Daniel Cheifetz, President  
Private  
Services: Software

**Odin Data Systems, Inc.**

425 Bush St., Suite 205  
San Francisco, CA 94108  
415-433-2165  
Floyd Osborn, President  
Private  
Total Sales FYE 06/86: \$1.2m  
Services: Processing

**Office Express, Inc.****SUBSIDIARIES/DIVISIONS:****Top Down Systems**

414 Hungerford Drive, Suite 236  
Rockville, MD 20850  
301-251-9400  
Dennis Burke, President  
Employees: 7  
Services: Software

**Officesmiths Inc.**

331 Cooper Street, Suite 200  
Ottawa, ON K2P0G5  
613-235-6749  
Glenn A. McInnes, President  
Private  
Employees: 30  
Services: Software

**Office Solutions, Inc.**

2802 Coho Street  
Madison, WI 53713  
608-274-5047  
Jan Eddy, President  
Private  
Total Sales FYE 12/86: \$3.0m Est.  
Services: Software  
INPUT profile available

**Offshore Information Services, Inc.**

One Central Avenue  
Tarrytown, NY 10591  
914-631-1757  
Private  
Employees: 400

**Offutt Publishing**

1400 Battleground Ave.  
Suite 116  
Greensboro, NC 27408  
919-271-4300  
Robert L. Offutt, President  
Private

**O'Hanlon Computer Systems, Inc.**

11058 Main Street, Suite 110  
Bellevue, WA 98004  
206-454-5350  
Guy Tar, President  
Private  
Employees: 20  
Services: Software

**Ohio Valley Data Control, Inc.**

Acquired by: MTech

**Oil-Tronix, Ltd.**

1580 Lincoln St., Suite 1240  
Denver, CO 80203  
303-832-1240  
Maryarie L. Cosart, President  
Private  
Employees: 20  
Services: Processing, Software, Prof. Serv., Turnkey

**Olivetti**

Iveria, 10015  
011-39-225525  
Public

**Omega Systems, Inc.**

160 N. Craig Street, Suite 215  
Pittsburgh, PA 15213  
412-681-7575  
William D. Mariotti, President  
Private  
Total Sales FYE 12/84: \$3.3m  
Services: Software, Prof. Serv.

**Omnisoft Corporation**

100 North Morian, Suite 316  
Kennewick, WA 99336  
509-735-8376  
Private

**Online Accounting Systems**

6400 Westpark, Suite 400  
Houston, TX 77057-7215  
713-974-0043  
Edwin Wolf, President  
Private  
Total Sales FYE 12/85: \$1.5m

# CAMS 1987

## Directory of Computer Services Companies

**On-Line Business Systems, Inc.**

115 Sansome Street  
San Francisco, CA 94104  
415-391-8510

Jeffrey D. Stein, President  
Private

Total Sales FYE 10/85: \$16.0m  
Services: Processing, Software, Prof. Serv.  
INPUT profile available

**Online Computer Library Center**

6565 Franta Rd.  
Dublin, OH 43017  
614-764-6000

Rowland C.W. Brown, President  
Public  
Total Sales FYE 06/86: \$78.6m  
Services: Processing

**Online Computer Systems, Inc.**

See: Reed International ENGLAND

**Online Computer Systems, Inc.**

500 Newport Center Dr., Suite 715  
Newport Beach, CA 92660  
714-644-1801

Ray Wells, President  
Private

Total Sales FYE 06/84: \$5.0m Est.

**Online Database Software, Inc.**

One Blue Hill Plaza  
Box 1725  
Pearl River, NY 10965  
914-735-1515

Private

**On-Line Software International, Inc.**

Fort Lee Executive Park  
Two Executive Drive  
Fort Lee, NJ 07024  
201-592-0009

Jack M. Berdy, President  
Public

Total Sales FYE 05/86: \$36.5m  
Services: Software, Prof. Serv., Turnkey  
INPUT profile available

**On-Syte**

1309 W. 15th Street, Suite 130  
Plano, TX 75075  
214-423-5300

Cliff Lasarine, President  
Private

Total Sales FYE 10/86: \$7.0m Est.  
Services: Processing  
INPUT profile available

**Ontologic, Inc.**

47 Manning Road  
Billerica, MA 01821  
617-667-2383

Robert Berkiwits  
Private

Employees: 30  
Services: Software

**Open Systems, Inc.**

See: Convergent, Inc.

**Operations Control Systems**

560 San Antonio Road  
Palo Alto, CA 94306  
415-443-4122

Gary Leight, President  
Private

Total Sales FYE 12/86: \$2.5m Est.  
Services: Software, Prof. Serv.  
INPUT profile available

**Optic Graphics, Inc.**

101 Dover Road  
Glenburnie, MD 21061  
301-768-3000

Private

**Opticom Corporation**

6895 Via Del Oro  
San Jose, CA 95119  
408-281-6069

John Pistacchi, President  
Private

Total Sales FYE 12/86: \$1.0m Est.  
Services: Software, Prof. Serv.

**Optimation**

645 N. Powell Road  
Independence, MO 64050  
816-257-1500

Michael D. Lundy, President  
Private

Total Sales FYE 06/86: \$3.5m Est.  
Services: Software, Prof. Serv., Turnkey  
INPUT profile available

**Opus Corporation (The)**

20251 Century Boulevard  
German Town, MD 20874  
301-428-3222

Keith R. McCall, President  
Private

Total Sales FYE 04/86: \$8.0m  
Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Oracle Systems Corporation**

20 Davis Drive  
Belmont, CA 94002  
415-598-8000

Lawrence J. Ellison, President  
Public  
Total Sales FYE 05/87: \$131.0m  
Services: Software, Prof. Serv.  
INPUT profile available

**Orbanco, Inc.****SUBSIDIARIES/DIVISIONS:****American Data Services, Inc.**

4550 S.W. Macadam Ave.  
Portland, OR 97201  
503-224-9110

Edward O. Haymond, Jr., President  
Total Sales FYE 12/86: \$10.0m Est.  
Services: Processing

**Orbis, Inc.**

20 Catamore Blvd  
East Providence, RI 02914  
401-431-0900

Clinton Wright, President  
Private  
Total Sales FYE 03/86: \$3.0m  
Services: Software, Prof. Serv.

**Ordertrack Corporation**

5500 Interstate North Pkwy  
Atlanta, GA 30339  
404-951-1000

Anthony DeCouto, President  
Private  
Total Sales FYE 06/84: \$4.5m Est.  
Services: Software

**Oregon Software, Inc.**

6915 S.W. Macadam Ave.  
Portland, OR 97219  
503-245-2202

Don Baccus, President  
Private  
Total Sales FYE 08/84: \$2.4m  
Services: Software

**Organization Change Associates, Inc.**

One Bestor Lane  
Bloomfield, CT 06002  
203-242-8883

Frank Valier, President  
Private  
Employees: 12  
Services: Software

**Organization for Industrial Research, Inc.**

See: Computervision Corporation

**ORI, Inc.**

1370 Piccard Drive  
Rockville, MD 20850  
301-670-2000  
Public

**SUBSIDIARIES/DIVISIONS:****Calculon Corporation**

121 N. Broad St.  
Philadelphia, PA 19107  
215-564-8200

Gene Sharer, President  
Total Sales FYE 12/86: \$17.0m  
Services: Prof. Serv.

**Calculon (U.S.) Corporation**

1350 Piccard Drive  
Rockville, MD 20850  
301-258-5300

Harvey D. Kushner, President  
Total Sales FYE 12/86: \$30.0m  
Services: Prof. Serv.

**Oriole Software, Inc.**

8600 La Salle Road  
Oxford Building Suite 630  
Towson, MD 21204  
301-823-0551

Bob McKain, President  
Private  
Employees: 55  
Services: Software

**Orion Group, Ltd. (The)**

1912 Bonita Way  
Berkeley, CA 94703  
415-548-0947

Paul Rampel, President  
Private  
Employees: 30  
Services: Software, Prof. Serv.

**Orion Software, Inc.**

1050 Waltham Street  
Lexington, MA 02173  
617-862-9222

Wilton Rooks, President  
Private  
Employees: 40  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Ortho Information Services**

575 Market Street  
San Francisco, CA 94105  
415-894-0277

Private  
Services: Software

**OTF Equities, Inc.**

1400 Ford Building  
Detroit, MI 48226  
313-964-5907

Public

**SUBSIDIARIES/DIVISIONS:****Comp-U-Check, Inc.**

16250 Northland Drive.  
Southfield, MI 48075  
313-569-1448

Ronald T. Hill, President  
Total Sales FYE 11/85: \$7.9m  
Services: Processing  
INPUT profile available

**Outlook Software, Inc.**

1 Woodfield Lake, Suite 117  
Schaumburg, IL 60195  
312-882-6570

Robert Hunter, President  
Private  
Employees: 11  
Services: Software

**Ovation Technologies**

770 Dedham Street  
Canton, MA  
617-821-1420

Thomas Gregory, President  
Private  
Services: Software

**Oxford Software Corporation**

Acquired by: Martin Marietta Data Systems

**Pace Computer Systems**

6300 Classen Blvd., Suite A101  
Oklahoma, OK 73118  
405-843-0618

Jim Archie, President  
Private  
Total Sales FYE 12/84: \$0.2m  
Services: Processing, Software, Prof. Serv.

**Pace Group, Inc.**

9330 LBJ Freeway, Suite 740  
Dallas, TX 75243  
214-437-5611

Ray Pace, President  
Private  
Employees: 40

**Pacer Software, Inc.**

1227 Pearl Street  
La Jolla, CA 92037  
619-454-0565

Garth Corboy, President  
Private  
Total Sales FYE 02/85: \$1.5m  
Services: Software, Prof. Serv.

**Pacific Western Bancshares**

333 West Santa Clara Street  
San Jose, CA 95113  
408-244-1700

Private

**SUBSIDIARIES/DIVISIONS:****Pacific Western Information Systems**

1245 S. Winchester Blvd., Suite 303  
San Jose, CA 95128  
408-246-4762

Gwen Spertall, President  
Total Sales FYE 12/85: \$2.7m  
Services: Software  
INPUT profile available

**Pacific Western Information Systems**

See: Pacific Western Bancshares

**Packaged Automated Life/Liability Management Inc. (PALLM)**

2601 Fortune Circle, East Drive  
Indianapolis, IN 46241  
317-241-2510

Chris C. McEvoy, President  
Private  
Total Sales FYE 03/85: \$12.6m  
Services: Software, Prof. Serv.  
INPUT profile available

**Packaged Solutions, Inc.**

One Huntington Quadrangle, Suite #2C14  
Melville, NY 11747  
516-782-1640

William R. Harts, President  
Private  
Services: Software

**P.A. Computers and Telecommunications**

5 Independence Way  
Princeton, NJ 08540  
609-452-8748

Steven Payne, President  
Private

# CAMS 1987

## Directory of Computer Services Companies

**Palace Computer Services, Inc.**

125 Cedar St.  
New York, NY 10006  
212-608-9970

Sandy Gant, President

Private

Total Sales FYE 11/84: \$1.4m

Services: Software, Prof. Serv., Turnkey

**Palantir Software**

12777 Jones Rd., Suite 100  
Houston, TX 77070  
713-955-8880

Dennis J. Bilbe, President

Private

Services: Software

**Palladian Software, Inc.**

Four Cambridge Center  
Cambridge, MA 02142  
617-661-7171

John Karcane, President

Private

Employees: 60

Services: Software

**PALLM, Inc.**

2601 Fortune Circle  
East Drive  
Indianapolis, IN 46241  
317-241-2510

Chris C. McEvoy, President

Private

Total Sales FYE 3/86: \$17.0m

**Pansophic Systems, Inc.**

709 Enterprise Drive  
Oakbrook, IL 60521  
312-986-6000

William G. Nelson IV, President

Public

Total Sales FYE 04/87: \$114.6m

Services: Software

INPUT profile available

**Paperback Software International**

2830 9th Street  
Berkeley, CA 94710  
415-644-2116

Adam Osborne, Chairman

Private

Total Sales FYE 12/86: \$3.5m Est.

Services: Software

INPUT profile available

**Paragon Technology Corporation**

2199 Norse Drive  
Pleasant Hill, CA 94523  
415-767-4741

Philip J. Morego, President

Private

Employees: 40

Services: Turnkey

**Parallax Systems, Inc.**

60 West 9th Street  
New York, NY 10011  
212-475-4001

Kevin R. Weaver, President

Private

Services: Software, Prof. Serv.

**Parameter Driven Software**

30800 North Telegraph Road, Suite 3820  
Birmingham, MI 48010  
313-540-4460

Private

Services: Software

**Paramis, Inc.**

1771A Mitchell North  
Irvine, CA 92714  
714-863-0628

Rod William, President

Private

Employees: 14

Services: Prof. Serv.

**Para Research, Inc.**

85 Eastern Avenue  
Gloucester, MA 01930  
617-283-3438

F. Molinski, VP Marketing

Private

Total Sales FYE 12/85: \$9.0m

**PAR Technology Corporation**

Seneca Plaza, Route 5  
P.O. Box 460  
New Hartford, NY 13143  
315-738-0600

John W. Sammon, Jr., President

Public

Total Sales FYE 12/84: \$55.0m

Services: Prof. Serv.

**PASS, Inc.**

9006 Woodbluff  
Dallas, TX 75243  
214-341-8208

Delbert Stehle, Sr., President

Private

Total Sales FYE 12/84: \$0.3m Est.

Services: Software, Prof. Serv.



# CAMS 1987

## Directory of Computer Services Companies

**Pathway Design, Inc.**

One Apple Hill  
P.O. Box 8179  
Natick, MA 01760  
617-237-7722

Bob Broggi, President  
Private

Services: Software, Turnkey

**Paychex, Inc.**

911 Panorama Trail South  
Rochester, NY 14625-0397  
716-385-6666

Wesley C. Tallman, President  
Public

Total Sales FYE 05/86: \$50.7m

Services: Processing

INPUT profile available

**Payco American Corporation**

180 North Executive Drive  
Brookfield, WI 53005  
414-784-9035

Dennis Panches, President  
Public

**Pay-Fone Systems, Inc.**

11255 West Olympic Boulevard  
West Los Angeles, CA 90064  
213-473-2935

Lewis Greenwood, President  
Public

Total Sales FYE 06/86: \$6.9m

Services: Processing

INPUT profile available

**Payroll Company, Inc. (The)**

One Division St.  
San Francisco, CA 94103  
415-621-2121

Russell Holdstein, President  
Private

Total Sales FYE 09/86: \$2.5m Est.

Services: Processing

INPUT profile available

**Payroll General Corporation**

Acquired by: Paychex, Inc.

**PBL Associates**

10 Cottage Ave  
Point Richmond, CA 94801  
415-234-4338

C. Paul Buist III, President  
Private

Total Sales FYE 12/86: \$3.0m Est.

**PC Quote, Inc.**

401 South LaSalle Street  
Chicago, IL 60605  
312-786-5400

Private

Services: Processing, Prof. Serv.

**PCS Data Processing, Inc.**

140 Cedar St.  
New York, NY 10006  
212-964-4646

Stanley Berger, President  
Public

Total Sales FYE 10/86: \$2.1m

Services: Processing

**PC World Communications Inc.**

555 DeHaro Street  
San Francisco, CA 94107  
415-861-3861

Private

**PDA Engineering**

1560 Brookhollow Drive  
Santa Clara, CA 92705  
714-556-2800

John E. McDonald, President  
Public

Total Sales FYE 06/86: \$17.4m

Services: Prof. Serv., Turnkey

INPUT profile available

**Pearce Tire Management Systems**

9629 Ocean Drive  
Stone Harbor, NJ 08247  
609-368-1212

Joseph E. Pearce, President  
Private

Employees: 7

Services: Software

**Pearl Data Systems**

81 Great Valley Parkway, Suite 800  
Malvern, PA 19355  
215-647-2210

Private

Employees: 17

Services: Software, Turnkey

**Peat, Marwick, Mitchell & Company**

303 East Wacker Drive  
Chicago, IL 10154  
312-938-1000

George Chiang, Managing Director  
Private

Total Sales FYE 12/84: \$817.0m

Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Pecan Software Systems**

1410 39th Street  
Brooklyn, NY 11218  
718-851-3100  
Ted Obermeister, President  
Private  
Services: Software

**Pelada Informatica**

562 Johnson Street  
Kingston, ON K7L2A  
613-549-1747  
Private

**Penguin Software**

830 4th Avenue  
Box 311  
Geneva, IL 60134  
312-232-1984  
Private  
Services: Software

**Penn Central Federal Systems Company****SUBSIDIARIES/DIVISIONS:****Vitro Corporation**

1400 Georgia Avenue  
Silver Spring, MD 20901  
301-231-1000  
Employees: 5700  
Services: Software, Prof. Serv.

**Pentamation Enterprises, Inc.**

One Bethlehem Plaza  
Bethlehem, PA 18018  
215-691-3616  
Jeffrey P. Feather, President  
Private  
Total Sales FYE 09/85: \$35.0m  
Services: Processing, Software, Turnkey  
INPUT profile available

**Penta Systems International, Inc.**

309 East Federal Street  
Baltimore, MD 21202  
301-685-7258  
Charles A. Lankford, President  
Public  
Total Sales FYE 12/86: \$21.6m  
Services: Turnkey  
INPUT profile available

**Perceptronics, Inc.**

6271 Varial Avenue  
Woodland Hills, CA 91367  
818-884-7470  
Dr. Amos Freedy, President  
Public  
Total Sales FYE 03/86: \$29.0m  
Services: Software, Prof. Serv.

**Peregrine Systems, Inc.**

15530 Rockfield Blvd., Building C  
Irvine, CA 92718  
714-855-3923  
Chris Cole, President  
Private  
Total Sales FYE 03/86: \$1.5m  
Services: Software

**Perfect Software, Inc.**

99 W. Tenth, Suite 318  
Eugene, OR 97401  
503-344-7638  
Buck Lindsey, President  
Private  
Total Sales FYE 03/84: \$9.0m  
Services: Software

**Performance Software, Inc.**

452 Southlake Blvd.  
Richmond, VA 23235  
804-744-1012  
Thomas D. Steele, President  
Private  
Employees: 5  
Services: Software

**Performance Systems, Inc.**

30 Courthouse Square  
Rockville, MD 20850  
301-762-0300  
John Wintermute, President  
Private  
Total Sales FYE 12/85: \$4.0m

**Persoft, Inc.**

465 Science Drive  
Madison, WI 53711  
608-273-6000  
Private  
Services: Software

**Persoft, Inc.**

600 West Cummings Park  
Woburn, MA 01801  
617-935-0095  
Richard Mueller, President  
Private  
Total Sales FYE 12/86: \$3.0m Est.  
Services: Software  
INPUT profile available

**Personal CAD Systems, Inc.**

1290 Parkmoor Ave.  
San Jose, CA 95126  
408-971-1300  
Doug Stone, President  
Private  
Total Sales FYE 12/86: \$15.0m Est.  
Services: Software  
INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**Personnel Data Systems, Inc.**

Meetinghouse Business Center  
2240 Butler Pike  
Plymouth Meeting, PA 19428  
215-828-4294  
Steve Brody, President  
Private  
Total Sales FYE 03/85: \$6.0m Est.  
Services: Software  
INPUT profile available

**Pertaine Systems, Inc.**

805 Veterans Blvd., Suite 110  
Redwood City, CA 94063  
415-367-9827  
Normand Fontaine, President  
Private  
Total Sales FYE 02/86: \$1.2m  
Services: Software, Prof. Serv.  
INPUT profile available

**Petrocomp Systems Inc.**

1111 N. Loop West, Suite 940  
Houston, TX 77008  
713-880-0226  
Mike Ball, Vice President  
Private  
Employees: 45  
Services: Software, Prof. Serv.

**Petroleum Information Corporation**

See: Dun & Bradstreet Corporation (The)

**Petro Minerals Corporation**

107 Lakes Drive  
Atlanta, GA 30339  
404-432-3490  
Private

**Petro Solutions, Inc.**

See: Lal Systems and Services, Inc.

**Petroware, Inc.**

4849 Greenville Ave., Suite 490  
Dallas, TX 75206  
214-696-4931  
L. G. Hayes, President  
Private  
Total Sales FYE 12/84: \$2.4m  
Services: Software, Prof. Serv., Turnkey

**Pharmaceutical Card Systems, Inc.**

See: McKesson Corporation

**Phase 3**

25 Flanders Road  
Belmont, MA 02178  
617-489-2555  
Wayne Heldt, President  
Private  
Employees: 25

**Phase One Systems, Inc.**

2950 Merced Street, #101  
San Leandro, CA 94577-5606  
415-895-0832  
Ron Gibbs, President  
Private  
Employees: 6  
Services: Software, Prof. Serv.

**Phaser Systems, Inc.**

353 Sacramento Street  
San Francisco, CA 94111  
415-434-3990  
John Muller, President  
Private  
Employees: 8

**PHH Aviation Systems, Inc.**

See: PHH Group, Inc.

**PHH Group, Inc.**

11333 McCormick Road  
Hunt Valley, MD 21031  
301-677-4000  
Private

**SUBSIDIARIES/DIVISIONS:****PHH Aviation Systems, Inc.**

1726 Cole Blvd., Suite 200  
Golden, CO 80401  
303-279-8910

Tommy L. Andrews, Exec. V.P.,

Employees: 60

Services: Processing, Software, Prof. Serv., Turnkey

**Phillips Communications**

138 Summit Terrace North  
Kennelton, NJ 07405  
201-838-5046  
Private

**Phillips Publishing**

7315 Wisconsin Avenue, Suite 1200N  
Bethesda, MD 20814  
301-986-0666  
Private

# CAMS 1987

## Directory of Computer Services Companies

**Phoenix Computer Corp.**

222 N. Sepulveda Blvd., Suite 1210  
 El Segundo, CA 90245  
 213-416-9040  
 James W. Miles, President  
 Private  
 Total Sales FYE 01/85: \$5.0m  
 Services: Software

**Phoenix Data Processing**

4648 Western Ave.  
 Lisle, IL 60532  
 312-810-9200  
 Robert Grabe, President  
 Private  
 Total Sales FYE 10/86: \$4.2m Est.  
 Services: Processing

**Phoenix-Hecht Incorporated**

550 Frontage Road  
 Northfield, IL 60093  
 312-441-9080  
 Larry A. Marks, President  
 Private  
 Total Sales FYE 10/84: \$3.0m Est.  
 Services: Prof. Serv.

**Photo Data, Inc.**

419 7th St. N.W.  
 Washington, DC 20004  
 202-783-1010  
 F. Scott Watkins, President  
 Public  
 Total Sales FYE 12/86: \$1.0m  
 Services: Processing

**Physician Micro Systems Inc.**

801 East Harrison Street  
 Seattle, WA 98102  
 206-527-4010  
 Private  
 Services: Turnkey

**Picayune Publishing**

920 Frenchmen Street  
 New Orleans, LA 70116  
 504-949-1366  
 Private

**Pick Systems**

1691 Browning  
 Irvine, CA 92714  
 714-261-7425  
 Richard Pick, President  
 Public  
 Employees: 40  
 Services: Software

**PictureWare, Inc.**

111 North Presidential Blvd., #229  
 Bala Cynwyd, PA 19004  
 215-667-0880  
 Private  
 Services: Software

**Pilot Executive Software, Inc.**

40 Broad Street  
 Boston, MA 02109  
 617-350-7035  
 Thomas P. McAuliffe, President  
 Private  
 Employees: 50  
 Services: Software

**Pinkerton Computer Consultants**

4 Neshaminy Interplex, Suite III  
 Trevos, PA 19047  
 215-676-3100  
 William Pinkerton, President  
 Private  
 Total Sales FYE 12/84: \$13.5m  
 Services: Prof. Serv.

**Pinnacle Software Systems, Inc.**

2517 West Vine  
 Fort Collins, CO 80521  
 303-224-5061  
 Paul G. Enockson, President  
 Private  
 Services: Software

**Pixel Computer Incorporated**

260 Fordham Rd  
 Wilmington, MA 01877  
 617-657-8720  
 Thomas Conway, President  
 Private  
 Employees: 150

**Place Management Corporation**

100 East 2nd Street  
 Mineola, NY 11501  
 800-342-5762  
 Private  
 Services: Software

**Planmatics**

5200 Rue de la Savane  
 Montreal, H4P 2M8  
 514-342-9121  
 Ram Panda, President  
 Private  
 Employees: 18  
 Services: Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**Planmetrics, Inc.**

8700 Bryn Mawr Avenue  
Chicago, IL 60631  
312-693-0200

Private

Total Sales FYE 12/86: \$7.9m

Services: Processing, Software, Prof. Serv.

**Planning Control International, Inc.**

Acquired by: Cullinet Software, Inc.

**Planning Research Corporation**

See: Emhart Corporation

**Players Computer, Inc.**

140 Adams Blvd.  
Farmingdale, NY 11735  
516-694-4660

Christian Kropac, President

Private

Total Sales FYE 03/84: \$3.8m

Services: Processing, Software

**SUBSIDIARIES/DIVISIONS:****Andover Data Services, Inc.**

4 World Trade Center, Suite 7450  
New York, NY 10048  
212-938-0729

Chris Kropac, President

Total Sales FYE 06/84: \$1.0m Est.

Services: Processing

**PLS Company**

425 2nd Street S.E., Suite 1200  
Cedar Rapids, IA 52401  
319-365-5211

Von Elbert, President

Private

Total Sales FYE 08/86: \$35.0m

**Plum Systems**

See: Cleveland Consulting Associates

**PMB Systems Engineering Inc.**

See: Bechtel Inc.

**PMI, Inc.**

P.O. Box 35408  
Dallas, TX 75235  
214-255-9141

Janet Iveson, President

Private

Employees: 8

**Point 4 Data Corporation**

15442 Del Amo Avenue  
Tustin, CA 92680  
714-838-2225

William F. Rigby, President

Private

Employees: 200

Services: Software, Turnkey

**Point of Sale Systems Corp.**

706 Chippewa Square  
Marquette, MI 49855  
906-228-7623

Private

Services: Software

**Policy Management Systems Corporation**

P.O. Box Ten  
Columbia, SC 29202  
803-735-4000

G. Larry Wilson, President

Public

Total Sales FYE 12/86: \$150.6m

Services: Processing, Software, Prof. Serv., Turnkey

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**Polygon Associates**

1024 Executive Parkway  
St. Louis, MO 63141  
314-576-7709

Bruce Baebler, President

Private

Employees: 20

Services: Software

**Polytel Computer Products Corp.**

2121 S. Columbia, #550  
Tulsa, OK 74114  
918-744-9844

Private

**Poorman-Douglas Corporation**

1325 Southwest Custer Drive  
Portland, OR 97219  
503-245-5555

John Douglas, President

Private

Total Sales FYE 12/85: \$10.0m

Services: Processing, Turnkey

INPUT profile available

**Popular Programs, Inc.**

135 Lake St., Suite 180  
Kirkland, WA 98033  
206-822-7065

Tim S. Bailey, President

Private

Total Sales FYE 12/85: \$2.2m

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**POS Technology**

2629 N. Scottsdale Road, Suite 361  
Scottsdale, AZ 85257  
602-941-0456

Private

**Power Computing Company**

See: McDermott International, Inc.

**Precision Business Systems**

33 Rector Street  
New York, NY 10006  
212-425-0200

Private

Employees: 30

Services: Software, Prof. Serv., Turnkey

**Precision Software Inc.**

820 Second Avenue, Suite 1100  
New York, NY 10017  
212-410-3418

Private

**Precision Visuals, Inc.**

6260 Lookout Rd.  
Boulder, CO 80301  
303-530-9000

James R. Warner, President

Private

Total Sales FYE 12/86: \$10.0m Est.

Services: Software

INPUT profile available

**Premier Systems Inc.**

564 16th Avenue  
San Francisco, CA 94118  
415-751-6111

Private

Employees: 6

Services: Software, Prof. Serv., Turnkey

**Premier Systems, Inc.**

676 E. Swedesford Rd., Bldg. 6, Ste. 200  
Wayne, PA 19087  
215-687-5950

Steven M. Katz, President

Private

Employees: 175

Services: Software

**Prentice-Hall**

englewood Cliffs, NJ 07632  
201-592-2640

Private

**SUBSIDIARIES/DIVISIONS:****1040 Software, Inc.**

10 Nevada Dr.  
P.O. Box 1010  
New Hyde Park, NY 11042  
516-775-5566

Jack Martin, President

Total Sales FYE 12/84: \$6.5m

Services: Software

**Price-Waterhouse & Co.**

1251 Avenue of the Americas  
New York, NY 10020  
212-489-8900

Joseph E. Connor, Chairman

Private

Total Sales FYE 12/84: \$1260.0m

Services: Software, Prof. Serv.

**SUBSIDIARIES/DIVISIONS:****Computech**

2534 Main St.  
Glastonbury, CT 06033  
203-659-0344

Alfred J. Amoroso, CEO

Total Sales FYE 06/85: \$2.0m Est.

Services: Prof. Serv.

**Primavera Systems, Inc.**

Two Bala Plaza  
Bala Cynwyd, PA 19004  
215-667-8600

Private

Services: Software

**Prime Computer, Inc.**

Prime Park  
Natick, MA 01760  
617-655-8000

Joe M. Henson, President

Public

Total Sales FYE 12/86: \$860.2m

Services: Software, Turnkey

**Printers Software Inc.**

1395 Route 23  
Butler, NJ 07405  
201-838-1010

Paul N. Grieco, President

Private

Employees: 6

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Pro-Access, Access To Professionals**

1900 North Loop West, Suite 200  
Houston, TX 77018  
713-890-9500  
David R. Cassell, Managing Partner  
Private  
Total Sales FYE 12/84: \$3.5m  
Services: Software, Prof. Serv.

**Processing Management Systems**

2269 Desert Cove, West  
Phoenix, AZ 85029  
602-246-1156  
Richard Kline, CEO  
Private  
Services: Processing

**Pro Computer Sciences Inc.**

P.O. Box 30770  
Laguna Hills, CA 92654-0770  
714-472-0250  
Sushil Garg, President  
Private  
Total Sales FYE 12/86: \$7.5m Est.  
Services: Software  
INPUT profile available

**Prodata Inc.**

4477 Emerald, Suite C-100  
Boise, ID 83706  
208-342-6878  
Bill Basham, President  
Private  
Employees: 45  
Services: Software, Prof. Serv., Turnkey

**Pro Data Systems, Inc.**

2418 Casa Bona Avenue  
Belmont, CA 94002  
415-592-6460  
James Turney, President  
Private  
Total Sales FYE 12/85: \$1.2m Est.  
Services: Software

**Productive Computer Systems, Inc.**

233 N. Michigan Ave., Suite 1409  
Chicago, IL 60601  
312-565-2244  
Dennis Lapidus, President  
Private  
Total Sales FYE 04/84: \$1.0m  
Services: Software, Prof. Serv., Turnkey

**Productivity Products International**

27 Glen Road  
Sandy Hook, CN 06482  
203-426-0699  
Tom Love, Chairman  
Private  
Employees: 20  
Services: Software, Prof. Serv.

**Professional Automated Systems**

2550 Corporate Exchange Drive  
Columbus, OH 43229  
614-890-1095  
Private

**Professional Computer Associates, Inc.**

See: Marine Bancorp, Inc.

**Professional Computer Resources, Inc.**

Acquired by: Pansophic Systems, Inc.

**Professional Computer Service**

7201 W. 78th St.  
P.O. Box 35801  
Minneapolis, MN 55435  
612-944-5145  
Charles Munster, President  
Private  
Total Sales FYE 12/84: \$2.0m  
Services: Processing

**Professional Computer Solutions, Inc.**

5541 Arlington Rd  
Jacksonville, FL 32205  
904-744-8134  
Ernest Harden, President  
Private  
Employees: 14

**Professional Data Management Sys. Inc.**

7100 France Ave., Suite 38  
Minneapolis, MN 55435  
612-925-1347  
Michael Auclair, President  
Private  
Employees: 10  
Services: Software, Prof. Serv., Turnkey

**Professional Hospital Services**

See: American Medical International, Inc.

**Professional Resource Group**

106 Woodworth  
Sedro Woolley, WA 98294  
800-772-4545  
Private  
Services: Turnkey



# CAMS 1987

## Directory of Computer Services Companies

**Professional Software, Inc.**

51 Fremont St.  
Needham, MA 02194  
617-444-5224  
Robert Crowell, President  
Private  
Total Sales FYE 06/85: \$2.2m  
Services: Software

**Professional Software Systems**

25 West 39th Street  
New York, NY 10018  
212-819-0544  
David Wagner, President  
Private

**Professional Systems Corporation**

87-89 vALLEY ROAD  
Montclair, NJ 07042  
202-783-6800  
Frank M. Downey, Jr., Chairman  
Private  
Services: Processing

**Profit Control Systems**

See: Heidelberg Eastern, Inc.

**Profitkey International, Inc.**

200 Prestige Park  
Salem, NH 03079  
603-898-9800  
Robert MacDonald, President  
Private  
Total Sales FYE 07/86: \$5.6m  
Services: Software, Turnkey  
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**Profit Technologies**

25501 McDonalad  
Woodlands, TX 77380  
713-292-8600  
Charles Shoptaw, President  
Private  
Employees: 10  
Services: Prof. Serv.

**Proforma Software**

2706 Harbor Blvd., Suite 203  
Costa Mesa, CA 92626  
714-641-3846  
Jack Lennard, President  
Private  
Employees: 8  
Services: Software

**Programming Services & Support, Inc.**

1601 Caledonia Street, Suite B  
La Crosse, WI 54603  
608-781-3200  
Scott Lachecki, President  
Private  
Employees: 6  
Services: Software, Prof. Serv.

**Programs & Analysis, Inc.**

See: Puritan Fashions Corp.

**Program Science, Inc. (PSI)**

470 Main Street  
Ridgefield, CT 06877  
203-438-9966  
Mauro A. Cetra, President  
Private  
Total Sales FYE 12/86: \$2.3m Est.

**Pro-IV**

23181 Verdugo Drive, Suite 103A  
Laguna Hills, CA 92653  
714-472-0250  
Private  
Services: Software

**Project Software & Development, Inc.**

20 University Road  
Cambridge, MA 02138  
617-661-1444  
Robert L. Daniels, President  
Private  
Total Sales FYE 09/86: \$26.0m  
Services: Software, Turnkey  
INPUT profile available

**Promod, Inc.**

22981 Alcade Drive  
Laguna Hills, CA 92653  
714-855-3046  
Private  
Services: Software

**Proprietary Computer Systems**

16625 Saticoy Street  
Van Nuys, CA 91406  
818-781-8221  
Bill Barancik, President  
Private  
Employees: 270

**Proprietary Software Systems, Inc.**

429 Santa Monica Blvd., Suite 430  
Santa Monica, CA 90401  
213-394-5233  
Joel Fleiss, President  
Private  
Total Sales FYE 06/86: \$4.5m  
Services: Software, Prof. Serv.  
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# CAMS 1987

## Directory of Computer Services Companies

**Prospero Software Ltd.**

190 Castelnau  
London, SW13 9DH  
01-741-8531

Private

Services: Software

**Proto Systems**

1238 Josephine St.  
Berkeley, CA 94703  
415-420-9579

Everett Harvey, CEO

Private

Services: Software, Prof. Serv.

**Pryor Corporation**

222 William Street  
Bensenville, IL 60106  
312-860-3100

Lee Pryor, President

Private

Total Sales FYE 09/84: \$51.0m

Services: Software, Prof. Serv.

**PSA & CPS, Inc.**

8800 Edgeworth Drive  
Capitol Heights, MD 20743  
301-350-5600

Mel Fox, President

Private

Total Sales FYE 02/86: \$17.5m Est.

Services: Processing

**PSDI, Inc.**

20 University Road  
Cambridge, MA 02138  
617-661-1444

Robert L. Daniels, President

Private

**PSI**

501 Bishops Lane  
Mobile, AL 36608  
205-344-8100

Dr. Dennis P. Wilkins, President

Private

Total Sales FYE 09/85: \$1.0m Est.

**PSI Energy Software**

P.O. Box 296  
Abilene, TX 79604  
713-496-4850

Ron Abernathy, President

Private

**Psychotechnics, Inc.**

1900 Pickwick Avenue  
Glenview, IL 60025  
312-729-5850

Private

**Psycomp Selfheld Software**

P.O. Box 994  
Woodland Hills, CA 91367  
213-992-4884

Private

**Public Systems Associates, Inc.**

770 Grant, Suite 200  
Denver, CO 80203  
303-831-1260

Private

Employees: 30

Services: Prof. Serv.

**Punch Card Processing Co.**

6875 New Hampshire Ave.  
Takoma Park, MD 20912  
301-270-1887

John Layman, President

Private

Services: Processing

**Puritan Fashions Corp.**

1400 Broadway  
New York, NY 10018  
212-575-0800

Public

**SUBSIDIARIES/DIVISIONS:****Programs & Analysis, Inc.**

21 Ray Ave.  
Burlington, MA 01803  
617-272-7723

Paul Brighton, President

Total Sales FYE 12/85: \$6.8m

Services: Processing, Prof. Serv.

**Pyramid Data, Ltd.**

P.O. Box 10116  
Santa Ana, CA 92711  
714-639-1527

Private

Services: Software

**QED Information Sciences, Inc.**

170 Linder Street  
P.O. Box 181  
Wellesley, MA 02181  
617-237-5656

Lawrence Grodman, President

Private

Employees: 25

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Quadra Systems, Inc.**

Acquired by: Computer Task Group, Inc.

**Quadratron Systems**

15260 Ventura Blvd., 18th Floor  
 Sherman Oaks, CA 91403  
 818-789-8588

John J. Theiss, President  
 Private

Total Sales FYE 03/86: \$10.0m Est.  
 Services: Software  
 INPUT profile available

**Quadrex Computer Systems, Inc.**

See: Quadrex Corporation

**Quadstar Corporation**

See: Citicorp

**Quality Data Systems, Inc.**

Library Lane  
 Old Lyme, CT 06371  
 203-434-9275

Gordon W. Wacrlar, President  
 Private  
 Total Sales FYE 08/84: \$0.4m  
 Services: Software, Prof. Serv.

**Quality Systems Corporation**

Chicago, IL 60611  
 Private

**SUBSIDIARIES/DIVISIONS:****Quality Systems Development Corporation**

645 N. Michigan Ave., Suite 638  
 Chicago, IL 60611  
 312-266-6060

Gregory M. Lancaster, President  
 Total Sales FYE 12/84: \$1.5m Est.  
 Services: Software, Prof. Serv.

**Quality Systems Development Corporation**

See: Quality Systems Corporation

**Quicksoft**

219 First North #224  
 Seattle, WA 98109  
 206-282-0452

Bob Wallace, President  
 Private

Total Sales FYE 12/85: \$0.8m Est.  
 Services: Software

**Quintus Computer Systems, Inc.**

1310 Villa Street  
 Mountain View, CA 94041  
 415-965-7700

Thomas M. Hartnett, President  
 Private

Total Sales FYE 12/85: \$4.0m  
 Services: Software  
 INPUT profile available

**Quodata Corporation**

266 Pearl Street  
 Hartford, CT 06103  
 203-728-6777

Myron Congdon, President  
 Private

Total Sales FYE 12/85: \$3.0m  
 Services: Software

**Quotron Systems, Inc.**

See: Citicorp

**R01-Teknekron Financial Systems**

2001 Center St.  
 Berkeley, CA 94704  
 415-548-8572

E. Burns, President  
 Private

Total Sales FYE 03/84: \$6.5m  
 Services: Prof. Serv., Turnkey

**Rabbit Software Corporation**

Seven Great Valley Parkway East  
 Great Valley Corporate Center  
 Malvern, PA 19355  
 215-647-0440

James E. Hall, President  
 Public

Total Sales FYE 12/86: \$3.0m  
 Services: Software

**Radford Associates, Inc.**

4800 Great America Parkway, Suite 400  
 Santa Clara, CA 95054  
 408-727-8682

John Radford, President  
 Private

Employees: 35  
 Services: Processing, Software, Prof. Serv.

**Radian Corporation**

See: Hartford Steam Boiler

**Railinc Corporation**

See: Association of American Railroads

**Railinc Corporation**

See: Association of American Railroads

# CAMS 1987

## Directory of Computer Services Companies

### RANAC Computer Corporation

8925 N. Merradian, Suite 201  
Carmel, IN 46460  
317-844-0141

Peter G. Fruehman, President

Private

Employees: 15

Services: Software, Prof. Serv., Turnkey

### Rand Information Systems, Inc.

1201 Harbor Bay Pkwy.  
Alameda, CA 94501  
415-769-5800

Richard Skavin, President

Public

Total Sales FYE 02/87: \$7.5m

Services: Processing, Software, Prof. Serv.

INPUT profile available

### Rand McNally and Co.

8255 North Central Park Avenue  
Skokie, IL 60076  
312-673-9100

### Rational, Inc.

1501 Salado Drive  
Mountain View, CA 94043  
415-940-4757

Levy Paul, President

Private

Employees: 110

### Raven Systems & Research, Inc.

1101 Vermont Avenue N.W., Suite 600  
Washington, DC 20005  
202-842-1811

Raymond Mott, President

Private

Total Sales FYE 09/85: \$9.8m

Services: Processing, Prof. Serv.

### Raytheon Company

141 Spring Street  
Lexington, MA 02173  
617-862-6600

R. Gene Shelley, President

Public

Total Sales FYE 12/85: \$6408.5m

### SUBSIDIARIES/DIVISIONS:

#### Seismograph Service Co.

6200 E. 41st St.  
P.O. Box 1590  
Tulsa, OK 74102  
918-627-3330

Bill G. Baugh, President

Total Sales FYE 11/85: \$245.0m

Services: Processing, Turnkey

### Reader's Digest Association, Inc.

Pleasantville, NY 10570  
914-769-7000

Public

### SUBSIDIARIES/DIVISIONS:

#### Source Telecomputing Corporation

1616 Anderson Rd.  
McLean, VA 22102  
703-734-7500

Jay Keller, President

Services: Processing

INPUT profile available

### Read-Q Systems, Inc.

90 Broad St.  
New York, NY 10006  
212-425-3680

Bill Cardone, President

Private

Total Sales FYE 12/85: \$0.4m

Services: Prof. Serv.

### Real-Comp, Inc.

P.O. Box 1263  
Cupertino, CA 95015  
408-996-1160

Private

### Real Estate Application Software, Inc.

29 Manor Road  
Smithtown, NY 11787  
516-979-9465

Private

### Real Estate Data

See: Redi/Multi-List, Inc.

### Real Estate Microcomputer Systems, Inc.

526 N.W. 2nd Street  
Corvallis, OR 97330  
503-757-8887

Private

### Real-Time Computer Science Corporation

1390 Flynn Rd.  
Camarillo, CA 93010  
805-987-9781

Dave Baker, President

Private

Employees: 10

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

REA-REF

**Realtron Corporation**

24065 Five Mile Road  
Detroit, MI 48239  
313-255-1200

Jack Jominy, President

Private

Total Sales FYE 04/84: \$22.0m

Services: Processing

INPUT profile available

**Realty Automation Inc.**

18045 Cocklebur Pl.  
Rowland Heights, CA 91748  
818-913-1244

Bob Maxwell, President

Private

Employees: 5

Services: Software

**Real World Corp.**

282 Loudon Road  
Concord, NH 03302-2051  
603-224-2200

Larry Bmrz, President

Private

Employees: 133

Services: Software

**Redi/Multi-List, Inc.**

165 S. Union Blvd.  
Lakewood, CO 80228  
303-987-2338

Jim Metcalf, President

Private

Total Sales FYE 12/84: \$40.0m

Services: Processing, Turnkey

**SUBSIDIARIES/DIVISIONS:****Real Estate Data**

2398 N.W. 119th St.  
Miami, FL 33167  
305-685-5731

Jim Metcalf, President

Total Sales FYE 12/84: \$22.0m

Services: Processing

**Redshaw, Inc.**

See: ITT Corporation

**Red Wing Business Systems, Inc.**

610 Main Street  
P.O. Box 19  
Red Wing, MN 55066  
612-388-1106

Lyle Warrington, President

Private

Employees: 23

Services: Software

**Reed International ENGLAND**

83 Picadilly  
London, W1A 1EV  
Public

**SUBSIDIARIES/DIVISIONS:****International Computaprint Corporation**

475 Virginia Drive  
Ft. Washington, PA 19034  
215-641-6000

Hans E. Nickel, President

Total Sales FYE 03/85: \$27.0m

Services: Processing

**Online Computer Systems, Inc.**

20251 Century Blvd.  
Germantown, MD 20874  
301-428-3700

William H. Ford, Jr., President

Total Sales FYE 12/85: \$6.0m Est.

Services: Prof. Serv.

**Reference Technology Inc.**

1832 N. 55th St.  
Boulder, CO 80301  
303-449-4157

Stephen S. Smith, President

Private

Employees: 95

**Reflectone, Inc.**

5125 Tampa West Blvd.  
Tampa, FL 33614  
813-885-7481

Richard A. Neddo, President

Public

Total Sales FYE 03/86: \$50.3m

**SUBSIDIARIES/DIVISIONS:****Reflectone Media Systems, Inc.**

14460 Carlson Circle  
Tampa, FL 33614  
813-885-7481

John B. Mowell, Chairman

Total Sales FYE 03/86: \$0.8m

Services: Turnkey

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**Reflectone Training Systems, Inc.**

5125 W. Tampa Boulevard  
Tampa, FL 33614  
813-885-7481

John B. Mowell, Chairman

Total Sales FYE 10/86: \$2.1m

Services: Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Reflectone Media Systems, Inc.**

See: Reflectone, Inc.

**Reflectone Training Systems, Inc.**

See: Reflectone, Inc.

**Relational Database Systems, Inc.**

Named changed to: INFORMIX Software, Inc.

**Relational Data Systems, Inc.**

Named changed to: INFORMIX Software, Inc.

**Relational Technology, Inc.**

1080 Marino Village Parkway  
Alameda, CA 94501  
415-769-1400

Gary Morgenthaler, President  
Private

Total Sales FYE 06/86: \$28.1m

Services: Software

INPUT profile available

**Remote Data Systems, Inc.**

Acquired by: Pansophic Systems, Inc.

**Republic Service Bureau Inc.**

19110 Van Ness Avenue  
Torrance, CA 90501  
213-533-0211

Jerome A. Sorkin, President  
Private

Total Sales FYE 10/86: \$7.0m Est.

Services: Processing

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**Resource Control Systems, Inc.**

P.O. Box 108  
City Island, NY 10464  
216-991-3350

Robert Rosen, President  
Private

Total Sales FYE 12/86: \$0.5m Est.

Services: Software

INPUT profile available

**Reston Publishing Company, Inc.**

11480 Sunset Hills Road  
Reston, VA 22090  
703-437-8900

Private

**Reuters, Ltd.**

85 Fleet Street  
London, EC4 P4AV  
01-250-1122

Private

**SUBSIDIARIES/DIVISIONS:****Reuters North America**

1700 Broadway  
New York, NY 10019  
212-603-3300

Andre Villeneuve, President  
Services: Processing

**Reuters North America**

See: Reuters, Ltd.

**Revco D.S., Inc.**

1925 Enterprise Parkway  
Twinsburg, OH 44087  
216-425-9811

William B. Edwards, President  
Public

**SUBSIDIARIES/DIVISIONS:****General Computer Corporation**

2045 Midway Dr.  
Twinsburg, OH 44087  
216-425-3241

Richard R. Pilarczyk, President  
Total Sales FYE 06/84: \$12.2m  
Services: Processing, Turnkey

**Rexnord Data Systems**

See: Rexnord, Inc.

**Rexnord, Inc.**

350 North Sunnyslope Rd.  
Brookfield, WI 53005  
414-797-6900

Jack Calhoun, President  
Private

**SUBSIDIARIES/DIVISIONS:****Rexnord Data Systems**

350 West Greenfield Ave.  
Milwaukee, WI 53214  
414-643-2001

Al Slawinski, Director  
Total Sales FYE 10/86: \$6.2m  
Services: Processing, Software, Prof. Serv.

**Reynolds & Reynolds Company (The)**

800 Germantown Street  
Dayton, OH 45407  
513-443-2000

Terry D. Carder, Chairman  
Public

Total Sales FYE 09/86: \$404.0m

Services: Processing, Turnkey

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# CAMS 1987

## Directory of Computer Services Companies

**RGI, Inc.**

5203 Leesburg Pike  
Falls Church, VA 22041  
703-820-4900

Richard S. Quiggs, President

Private

Total Sales FYE 06/84: \$19.0m

Services: Processing, Software, Prof. Serv., Turnkey

**RMS Technologies**

1 Neshaminy Interplex, Suite 306  
Trevose, PA 19047  
215-638-7975

David Huggins, President

Private

Total Sales FYE 06/84: \$15.0m

Services: Prof. Serv.

**Robert E. Nolan Company, Inc.**

90 Hopmeadow Street  
Simaburg, CT 06070  
203-658-1941

Bob E. Nolan, President

Private

Employees: 50

Services: Software, Prof. Serv.

**Robert F. White & Company**

209 W. Jackson St.  
Chicago, IL 60606  
312-322-9600

Robert F. White, President

Private

Total Sales FYE 06/84: \$10.0m

Services: Processing

**Robert J. Kearns, Inc.**

39 Montgomery Road  
P.O. Box 96  
Montgomery, IL 60538  
312-896-9791

Glen Blekfeld, President

Private

Total Sales FYE 11/85: \$1.3m

Services: Processing

**Robert L. Cloud Associates, Inc.**

125 University Ave.  
Berkeley, CA 94710  
415-841-9296

Robert L. Cloud, President

Private

**SUBSIDIARIES/DIVISIONS:****Celestial Software, Inc.**

125 University Avenue  
Berkeley, CA 94710  
415-841-7175

Robert L. Cloud, President

Employees: 15

Services: Prof. Serv., Turnkey

**Robin and Dackerman**

8484 Wilshire Boulevard, Suite 600  
Beverly Hills, CA 90211-3214  
213-655-2000

Jerry Dackerman, President

Private

Total Sales FYE 12/86: \$2.0m Est.

Services: Prof. Serv.

INPUT profile available

**ROCI, Inc.**

7175 W. Jefferson Avenue  
Lakewood, CO 80235-2303  
303-985-1881

B. Friedman, President

Private

Employees: 15

**ROH**

3456 Camino Del Rio North  
San Diego, CA 92108  
619-280-8100

Private

**ROI Systems, Inc.**

Merged with: Automatic Data Processing, Inc.

**ROSSDATA Corporation**

1860 Embarcadero Road  
Palo Alto, CA 94303  
415-856-1100

Kenneth Ross, President

Private

Total Sales FYE 06/86: \$17.0m Est.

Services: Processing, Software, Prof. Serv.

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**SUBSIDIARIES/DIVISIONS:****Ross Systems, Inc.**

1860 Embarcadero Road  
Palo Alto, CA 94303  
415-856-1100

Ricard Giordanella, President

Total Sales FYE 06/86: \$10.0m

Services: Processing, Software, Prof. Serv., Turnkey

INPUT profile available

**Virtual Microsystems, Inc.**

2150 Shattuck Avenue, Suite 300  
Berkeley, CA 94704  
415-841-9594

Gianluca Rattassi, President

Total Sales FYE 06/86: \$7.0m Est.

Services: Software

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**Ross Systems, Inc.**

See: ROSSDATA Corporation



# CAMS 1987

## Directory of Computer Services Companies

**R. Shriver Associates**  
1259 Route 46, Building 2  
Parsippany, NJ 07054  
201-335-7800

David Michaels, CEO  
Private

Employees: 15  
Services: Software, Prof. Serv.  
INPUT profile available

**R Systems, Inc.**

10310 Markison Rd  
Dallas, TX 75238  
214-343-9188

Bill Kiely, President

Private  
Employees: 14  
Services: Software, Prof. Serv.

**R.T.G. Systems, Inc.**

55 Plain St.  
North Attlebar, MA 02160  
617-695-5008

Private  
Total Sales FYE 03/84: \$5.0m  
Services: Software

**Rubicon Corporation**

1200 E. Campbell Rd.  
Richardson, TX 75081  
214-231-6591

William G. Groves, Chairman

Private  
Total Sales FYE 06/84: \$4.3m  
Services: Turnkey

**Rust International**

See: Henley Group

**Ryan-McFarland Corporation**

609 Deep Valley Drive  
Rolling Hills Estates, CA 90274  
213-541-4828

Don Ryan, President

Private  
Total Sales FYE 12/86: \$8.5m Est.  
Services: Software, Prof. Serv.  
INPUT profile available

**Sachs/Freeman Associates, Inc.**

1401 McCormick Drive  
Landover, MD 20785  
301-925-9400

Ernest Freeman, President

Private  
Total Sales FYE 02/87: \$16.5m  
Services: Prof. Serv.

**SAFECO Corporation**

SAFECO Plaza  
Seattle, WA 98185  
206-545-5000

Bruce Maines, President  
Public

**Safe Computing Limited**

2000 Argenta Road, Plaza 4, Suite 200  
Mississauga, ON L6N1W1  
416-826-5352

Private

**SAFECO Title Insurance**

13640 Roscoe Blvd.  
Panorama City, CA 91409  
818-781-3650

Warren J. Eljenholm, President  
Private

Total Sales FYE 12/84: \$138.3m  
Services: Processing

**Safeguard Business Systems, Inc**

Acquired by: Mason Best Company

**Safeguard Scientifics, Inc.**

630 Park Avenue  
King of Prussia, PA 19406  
215-265-4000

Public

**SUBSIDIARIES/DIVISIONS:**

**Autolog Systems**

204 Progress Drive  
Montgomeryville, PA 18936  
215-699-8891

Leonard Kedbon, President  
Employees: 55

**Sage Data, Inc.**

104 Carnegie Center, Suite 110  
Princeton, NJ 08540  
609-924-3000

John Torkelsen, President  
Private

Total Sales FYE 12/85: \$3.5m  
Services: Processing, Prof. Serv.

**Sage Federal Systems, Inc.**

20 West Guide Road  
Rockville, MD 20850  
301-294-1000

Howard M. Arnold, President  
Private

Employees: 250  
Services: Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**Sage Software, Inc.**

3200 Monroe Street  
 Rockville, MD 20852  
 301-230-3200  
 Kevin J. Burns, President  
 Public  
 Total Sales FYE 04/87: \$14.5m  
 Services: Software  
 INPUT profile available

**Samna Corp.**

2700 Northeast Expressway, Suite C-700  
 Atlanta, GA 30345  
 404-321-5006  
 Said Mohammadioun, President  
 Private  
 Total Sales FYE 12/85: \$7.2m  
 Services: Software

**Sandsport Data Services, Inc.**

48 Harbor Park Drive  
 Port Washington, NY 11050  
 516-484-9060  
 Donald S. Levy, President  
 Public  
 Total Sales FYE 05/86: \$5.8m  
 Services: Processing

**Santa Cruz Operation, Inc.**

400 Encinal Street  
 Santa Cruz, CA 95060  
 408-425-7222  
 Private  
 Employees: 75  
 Services: Software

**Santiago Data Systems, Inc.**

1071 N. Batavia  
 Orange, CA 92667  
 714-633-7807  
 Thomas Banks, President  
 Private  
 Total Sales FYE 12/85: \$3.5m  
 Services: Software  
 INPUT profile available

**Saratoga Data Services**

1960 Concourse Drive  
 San Jose, CA 95131  
 408-263-4033  
 Jim Lahodny, President  
 Private  
 Employees: 25  
 Services: Processing

**SAS Institute, Inc.**

Box 8000, SAS Circle  
 Cary, NC 27511-8000  
 919-467-8000  
 Dr. James H. Goodnight, President  
 Private  
 Total Sales FYE 11/86: \$102.4m  
 Services: Software  
 INPUT profile available

**Satellite Computing, Inc. (SATCOM)**

4521 Professional Circle  
 Virginia Beach, VA 23455  
 804-499-9803  
 Talmadge F. Broughton, President  
 Private  
 Total Sales FYE 03/85: \$3.5m Est.  
 Services: Software, Prof. Serv.

**Savvy Corporation**

122 Tulane SE  
 Albuquerque, NM 87106  
 800-551-5199  
 Richard Duddie, President  
 Private  
 Employees: 8  
 Services: Software

**Sawhney Software**

888 Seventh Avenue  
 New York, NY 10106  
 212-541-8020  
 Private

**Saztec Computer Services Organization**

See: SAZTEC International, Inc.

**SAZTEC International, Inc.**

27520 Hawthorne Blvd., Suite 170  
 Rolling Hills Estates, CA 90274  
 213-544-0337  
 Thomas L. Reed, President  
 Public  
 Total Sales FYE 06/86: \$6.3m  
 Services: Prof. Serv.  
 INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Saztec Computer Services Organization**

94A Westpark Road  
 Dayton, OH 45459  
 513-439-3750  
 Kent Meyer, President  
 Employees: 15  
 Services: Processing, Software, Prof. Serv.

# CAMS 1987

## Directory of Computer Services Companies

**SBT Corporation**

1140 Mountain View-Alviso Road  
Sunnyvale, CA 94089  
408-980-8880

Private

**SCA Products and Services, Inc.**

353 Lexington Ave.  
New York, NY 10016  
212-532-2990

Shirley Eis, President  
Private

Total Sales FYE 01/85: \$2.0m  
Services: Software, Prof. Serv.

**Schaffer & Schaffer Applied Research & Development, Inc.**

2901 North High Street  
Columbus, OH 43202  
614-367-3100

Dan Schaffer, President  
Private

Total Sales FYE 12/85: \$0.5m  
Services: Prof. Serv.

**Scheduling Corporation of America**

2215 York Road, Suite 414  
Oakbrook, IL 60521  
312-323-0444

George Stout, President  
Private

Total Sales FYE 06/85: \$7.0m  
Services: Prof. Serv.

**Schlumberger Limited**

277 Park Avenue  
New York, NY 10172  
212-350-9400

Michael Vailland, President  
Public

Total Sales FYE 12/86: \$4938.4m

**SUBSIDIARIES/DIVISIONS:****Applicon**

4251 Plymouth Road  
Ann Arbor, MI 48106  
313-995-6000

Richard A. Mohrman, General Manager  
Total Sales FYE 12/85: \$159.3m Est.  
Services: Processing, Software, Turnkey  
INPUT profile available

**Schuchardt Software Systems, Inc.**

515 Northgate Drive  
PO Box 13778  
San Rafael, CA 94913  
415-492-9330

Frederick Schuchardt, President  
Private  
Employees: 5  
Services: Software

**SCICOM Data Services, Ltd.**

10101 Bren Road East  
Minnetonka, MN 55343  
612-933-4200

Richard A. Walter, President  
Public

Total Sales FYE 06/86: \$13.6m  
Services: Processing  
INPUT profile available

**Science Applications International Corporation**

1200 Prospect Street  
La Jolla, CA 92037  
619-454-3811

J.R. Beyster, President  
Private

Total Sales FYE 01/86: \$532.7m  
Services: Software, Prof. Serv.  
INPUT profile available

**Science Management Corporation**

P.O. Box 0600  
Basking Ridge, NJ 07920  
201-647-7000

James A. Skidmore, Jr., President  
Public

Total Sales FYE 12/86: \$69.1m  
Services: Software

**Science Research Associates, Inc.**

155 N. Wacker Drive  
Chicago, IL 60606  
312-984-7000

Joe Goth, President  
Private

Services: Software

**Scientific Calculations, Inc.**

See: Harris Corporation

**Scientific Computers, Inc.**

Named changed to: SCICOM Data Services, Ltd.

**Scientific Software - Intercomp**

1801 California St.  
Denver, CO 80202  
303-292-1111

Dr. Robert C. McFarlane, President  
Public

Total Sales FYE 12/86: \$26.1m  
Services: Processing, Software, Prof. Serv.

**Scientific Systems, Inc.**

One Alewife Place  
35 Cambridge Park Drive  
Cambridge, MA 02140  
617-661-6364

Private

# CAMS 1987

## Directory of Computer Services Companies

### Scientific Systems Services, Inc. (SSS)

2000 Commerce Drive  
P.O. Box 610  
Melbourne, FL 32901  
305-725-1300  
Vincent S. Lamb, Jr., President  
Public  
Total Sales FYE 07/86: \$22.5m  
Services: Software, Prof. Serv., Turnkey  
INPUT profile available

### SCS/Compute, Inc.

1714 Deer Tracks Trail  
St. Louis, MO 63131  
314-966-1040  
Robert W. Nolan, President  
Private  
Total Sales FYE 04/86: \$15.3m  
Services: Processing  
INPUT profile available

### S-Cubed

P.O. Box 1620  
La Jolla, CA 92038  
619-453-0060  
Donald Grine, Division Manager  
Public  
Total Sales FYE 07/84: \$15.0m  
Services: Processing, Prof. Serv.

### SDAC

9550 Warner Avenue, Suite 307  
Fountains Valley, CA 92708  
714-964-9909  
Private

### SDA Federal Systems, Inc.

7500 Greenway Center Drive, Suite 410  
Greenbelt, MA 20770  
301-345-6060  
Richard K. Hampson, President  
Private  
Total Sales FYE 09/84: \$1.5m  
Services: Prof. Serv.

### SDD, Inc.

3100 Arapahoe Road, Suite 202  
Boulder, CO 80303  
303-449-3634  
Al Kolwicz, President  
Private  
Employees: 10  
Services: Software, Prof. Serv.

### SDG Decision Systems

3000 Sand Hill Road  
Menlo Park, CA 94025-7127  
415-854-9000  
Private  
Services: Software

### SDI

1700 South El Camino Real  
P.O. Box 5801  
San Mateo, CA 94402  
415-572-1200  
Victor Persico, President  
Private  
Total Sales FYE 09/85: \$10.0m Est.  
Services: Software  
INPUT profile available

### SDK Healthcare Information Systems

1550 Soldiers Field Road  
Boston, MA 02135-1105  
617-783-7351  
S. David Kaufman, President  
Private  
Employees: 80  
Services: Software

### SDMI

1900 W. 75th St., Suite 5  
Prairie Village, KS 66208  
913-362-0388  
Davis Pler, President  
Private  
Total Sales FYE /86: \$3.5m

### Seaside Software Inc.

119 South Washington Street  
P.O. Box 31  
Perry, FL 327-5726  
800-327-5726  
Private  
Services: Software

### Securities Industry Automation Corp.

55 Water St.  
New York, NY 10041  
212-623-6826  
Charles B. McQuade, President  
Private  
Total Sales FYE 12/84: \$125.6m  
Services: Processing

### Security Pacific Corporation

333 South Hope Street  
Los Angeles, CA 90071  
213-613-6211  
Public

# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:****Security Pacific Information Services, Inc.**

10089 Willow Creek Road  
San Diego, CA 92131  
619-578-6150

Nancy Hoehnestein, President  
Total Sales FYE 12/85: \$5.0m Est.  
Services: Processing, Prof. Serv.

**Security Pacific Information Services, Inc.**

See: Security Pacific Corporation

**Security Pacific Information Systems****SUBSIDIARIES/DIVISIONS:****Bankline, Inc.**

Lincoln Center  
11225 N 28th Drive, Suite C-207  
Phoenix, AZ 85029  
602-993-5815

Ron Hawkes, Vice President  
Employees: 30  
Services: Turnkey

**Seed Software Corp.**

5904 Richmond Highway  
Alexandria, VA 22030  
703-960-8800

Private  
Services: Software

**Seek Systems, Inc.****SUBSIDIARIES/DIVISIONS:****Software Extraordinaire**

13401 Bel-Red Road, Suite A-5  
Bellevue, WA 98005  
206-282-9422

Frederick S. Felker, President  
Employees: 10  
Services: Software, Prof. Serv.

**SEI Corporation**

680 East Swedesford Road  
Wayne, PA 19087  
215-687-1700

Alfred P. West, Jr., President  
Public  
Total Sales FYE 12/86: \$118.5m  
Services: Processing, Prof. Serv., Turnkey  
INPUT profile available

**SEI Information Technology**

See: Shields Enterprises

**Seiscom Delta, Inc.**

Acquired by: Grant-Norpac Inc.

**Seisdata Services, Inc.**

16800 Imperial Valley Dr., Suite 400  
Houston, TX 77060  
713-931-7661

Raymond W. Clawson, President  
Public  
Total Sales FYE 12/85: \$5.7m Est.  
Services: Processing

**Seismograph Service Co.**

See: Raytheon Company

**Sendero Corporation**

See: Fiserv, Inc.

**Sensible Designs**

5244 Edepark Way  
San Diego, CA 92124  
619-268-0123

Private

**Sensible Software**

210 S. Woodward, Suite 229  
Birmingham, MI 48011  
313-258-5566

Charles Hartley, President  
Private  
Employees: 9  
Services: Software

**Sentinel Computer Corporation**

8800 Governors Hill Road, #100  
Cincinnati, OH 45249-1338  
513-677-2400

Donald J. Galligher, Jr., President  
Private  
Employees: 30  
Services: Software, Prof. Serv.

**Sentinel Computer Products**

130 North Street  
Hyannis, MA 02601  
617-775-5220

Private

**Sequent Computer Systems, Inc.**

15450 Southwest-Koll Parkway  
Beaverton, OR 97006-6063  
503-626-5700

Casey Powell, President  
Private  
Employees: 150  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Serving Software, Inc. (SSI)**

221 University Avenue  
Minneapolis, MN 55414  
612-623-2840

James Sandum, President  
Private  
Employees: 30  
Services: Software

**SGM, Inc.**

8830 Interchange Dr.  
Houston, TX 77054  
713-666-2701

Bill McCullough, President  
Private  
Total Sales FYE 09/84: \$2.0m  
Services: Software

**Shales & Young Information Systems, Inc.**

405 N. Wabash Ave., Suite 507  
Chicago, IL 60611  
312-645-0808

Michael S. Young, President  
Private  
Employees: 5  
Services: Prof. Serv.

**Shanali Software, Inc.**

171 South Livingston Avenue  
Livingston, NJ 07039  
201-992-7971

Private

**Shared Financial Systems**

15301 Dallas Parkway, Suite 650  
Dallas, TX 75248  
214-233-8356

William McCormick, President  
Private  
Total Sales FYE 03/86: \$9.0m  
Services: Software  
INPUT profile available

**Shared Medical Systems Corporation**

51 Valley Stream Parkway  
Malvern, PA 19355  
215-296-6300

R. James Macaleer, President  
Public  
Total Sales FYE 12/86: \$374.9m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**Shaw Data Services, Inc.**

122 E. 42nd St., Suite 2307-8  
New York, NY 10168  
212-682-8877

William Burnett, President  
Private  
Total Sales FYE 06/84: \$12.0m  
Services: Processing

**S & H Computer Systems, Inc.**

1027 17th Avenue South  
Nashville, TN 37211  
615-327-3670

Harry R. Sanders, President  
Private  
Total Sales FYE 07/84: \$1.6m  
Services: Software

**Shields Enterprises**

T. Russel Shields, President

**SUBSIDIARIES/DIVISIONS:****SEI Information Technology**

450 East Ohio Street  
Chicago, IL 60611  
312-440-8300

Fidelis Yumeh, President  
Total Sales FYE 09/86: \$7.0m Est.  
Services: Prof. Serv.  
INPUT profile available

**SHL System House, Inc.**

99 Bank Street  
Ottawa, ON K1P6B9  
613-236-9734

Rod Bryden, CEO  
Public  
Total Sales FYE 08/86: \$75.0m  
Services: Prof. Serv., Turnkey

**Shubrooks International, Ltd.**

Acquired by: Computer Task Group, Inc.

**Sidereal Corporation**

Sec: Trans Technology, Inc.

**Sierra On-Line, Inc.**

Sierra On-Line Bldg.  
Coarsegold, CA 93614  
209-683-6858

Kenneth Williams, President  
Private  
Total Sales FYE 03/84: \$8.0m  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Sigma Design, Inc.**

61 Inverness Drive East, Suite 300  
Englewood, CO 80112  
303-790-9080  
Ken Ledeen, President  
Private  
Total Sales FYE 11/85: \$16.0m Est.  
Services: Software

**Sigma Systems, Inc.**

1508 Cotner Avenue  
Los Angeles, CA 90025  
213-477-1421  
Steve Champagne, President  
Private  
Total Sales FYE 06/86: \$1.6m  
Services: Software  
INPUT profile available

**Signal Technology, Inc.**

5951 Encina Road  
Goleta, CA 93117  
805-683-3771  
John Markel, President  
Private  
Total Sales FYE 09/86: \$8.0m Est.  
Services: Software

**Signet Data Systems, Ltd.**

611 N. Courthouse Road  
Richmond, VA 23236  
804-794-2800  
Larry D. Wallace, President  
Private  
Employees: 47  
Services: Software

**Silicon Graphics**

2011 Stierlin Road  
Mountain View, CA 94043  
415-960-1980  
Ed McCracken, President  
Private  
Employees: 400  
Services: Software

**Silvar-Lisco**

1080 Marsh Road  
Menlo Park, CA 94025-1053  
415-324-0700  
Paul Seckendorf, President  
Public  
Total Sales FYE 04/87: \$26.0m  
Services: Software, Turnkey

**Simpact Associates, Inc.**

9210 Sky Park Court  
San Diego, CA 92123  
619-565-1865  
Bill Doll, President  
Private  
Employees: 180  
Services: Software

**SIMPLAN Systems, Inc.**

See: Manufacturers Hanover Corporation

**Sirco Enterprises, Inc.**

2265 Livernois, Suite 100  
Troy, MI 48063  
313-362-2200  
Robert G. Sims, President  
Private

**SIR, Inc.**

707 Lake Cook Road, #200  
Deerfield, IL 60015-4909  
312-480-9270  
Berry Robinson, President  
Private  
Employees: 15  
Services: Software, Prof. Serv.

**SKK, Inc.**

Merged with: UCCEL Corporation

**Skok Systems, Inc.**

222 3rd Street  
Cambridge, MA 02142  
617-868-6003  
Al Moulton, President  
Private  
Employees: 30  
Services: Software

**Small Systems Software, Inc.**

10135 Grange Avenue  
Rockford, MI 49341  
616-866-4315  
James Elenbeaf, President  
Private  
Total Sales FYE 12/84: \$0.4m  
Services: Prof. Serv.

**Smart Systems Technology**

7700 Leesburg Pike  
Falls Church, VA 22043  
703-448-8562  
Craig M. Cook, President  
Private  
Employees: 10  
Services: Software, Prof. Serv.



# CAMS 1987

## Directory of Computer Services Companies

**Smith, Dennis & Gaylord**

3211 Scott Blvd.  
Santa Clara, CA 95054  
408-727-1870

Dave L Dunbar, President & CEO

Private

Total Sales FYE 01/86: \$9.0m

Services: Processing, Software, Prof. Serv., Turnkey

**Smyth Business Systems**

7100 Whipple Ave., N.W.  
P.O. Box 8800  
Canton, OH 44711  
216-499-6392

Private

**Softa Group, Inc. (The)**

450 Skokie Blvd., Suite 703  
Northbrook, IL 60062  
312-291-4000

Lawrence C. Zirox, President

Private

Employees: 30

Services: Software, Turnkey

**Softbridge Microsystems, Inc.**

125 Cambridge Park Drive  
Cambridge, MA 02140  
617-576-2257

Mark Bisner, President

Private

Total Sales FYE 12/85: \$5.0m Est.

Services: Software, Prof. Serv.

**Soft Core International, Inc.**

See: Distek

**SoftTech, Inc.**

460 Totten Pond Road  
Waltham, MA 02254  
617-890-6900

Justus F. Lowe, Jr., President

Public

Total Sales FYE 05/86: \$45.1m

Services: Prof. Serv.

INPUT profile available

**Softest Inc.**

555 Goffle Road  
Ridgewood, NJ 07450  
201-447-3901

David Schneider, President

Private

Employees: 12

Services: Software, Prof. Serv.

**Softflex Systems, Inc.**

100 N. Morain, Suite 316  
Kennewick, WA 99336  
509-735-1125

Private

Services: Software

**Softkat**

15015 Oxnard Street  
Van Nuys, CA 91411  
213-781-5280

Private

**Soft Letter**

63 Sacramento St.  
Cambridge, MA 02138  
617-868-0157

Private

**Softool Corporation**

340 South Kellogg Ave.  
Goleta, CA 93117  
805-683-5777

Private

Services: Software

**Soft Pro Systems**

4121 MacDonald Ave.  
Richmond, CA 94805  
415-234-5440

Dr. Richard Hsiao, Managing Director

Public

**SoftTrak Systems**

1977 W. North Temple  
P.O. Box 22156 AMF  
Salt Lake City, UT 84122  
801-531-8550

Private

Services: Software

**Softtron**

150 Nassau St., Suite 2024  
New York, NY 10038  
212-608-2922

Private

**Softronics, Inc.**

7890 Lexington Drive, Suite 210  
Colorado Springs, CO 80918  
303-593-9540

Private

Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Softsel Computer Products, Inc.**

546 N. Oak St.  
Inglewood, CA 90302  
213-412-1700

Michael Pickett, President

Private

Total Sales FYE 12/84: \$167.0m

Services: Software

INPUT profile available

**Softsmith Corporation**

1431 Doolittle Drive  
San Leandro, CA 94577  
415-487-5900

Private

**Softstar**

13935 U.S. Highway #1  
Juno Beach, FL 33408  
305-848-7054

Private

**Softsync, Inc.**

162 Madison Ave.  
New York, NY 10016  
212-685-2080

Kenneth P. Currier, CEO

Private

Employees: 10

Services: Software

**Software Academy, Inc.**

9574 Lamar St.  
Spring Valley, CA 92077-2809  
619-464-2500

Dr. A. Pirouzan, President

Public

Total Sales FYE 09/85: \$0.2m

Services: Processing, Software, Prof. Serv., Turnkey

**Software AG Systems, Inc.**

11800 Sunrise Valley Dr.  
Reston, VA 22091  
703-860-5050

Stuart J. Miller, President

Public

Total Sales FYE 05/86: \$65.8m

Services: Software, Prof. Serv.

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**Software Alliance Corporation**

See: Teknekron Industries

**Software Architecture & Engineering, Inc.**

1600 Wilson Blvd., Suite 500  
Arlington, VA 22209  
703-276-7910

Mr. Andy Serrentino, President

Private

Employees: 82

Services: Software, Prof. Serv.

**Software Arts, Inc.**

Acquired by: Lotus Development Corporation

**Software Automation**

14333 Proton  
Dallas, TX 75234  
214-392-2802

Private

**Software Clearing House, Inc. (The)**

771 Neeb Rd.  
Cincinnati, OH 45238  
513-451-6742

William Ivers, President

Private

Employees: 54

Services: Software

**Software Concepts**

250 Piedmont Avenue, N.E., Suite 1450  
Atlanta, GA 30308  
602-225-0555

Cliff Meyers, President

Private

Employees: 50

Services: Software

**Software Design Associates, Inc.**

See: AGS Computers, Inc.

**Software Digest**

One Wynnewood Road, Suite 106  
Wynnewood, PA 19096  
215-649-7000

Private

**Software Directions, Inc.**

1572 Sussex Turnpike  
Randolph, NJ 07869  
201-584-8466

Private

Services: Software

**Software Dynamics, Inc.**

330 Hamilton, Suite 202  
Birmingham, MI 48089  
313-646-7499

David Tuttle, President

Private

Total Sales FYE 02/84: \$1.1m

Services: Prof. Serv., Turnkey

**Software Express (The)**

2925 Briarpark  
Houston, TX 78042  
713-974-2298

Richard Schmoekel, President

Private

Employees: 50

# CAMS 1987

## Directory of Computer Services Companies

**Software Extraordinaire**

See: Seek Systems, Inc.

**Software Factory (The)**

131 E. Hamilton Ave.  
Campbell, CA 95008  
408-374-4114

Roger Brown, President

Private

Total Sales FYE 06/85: \$0.3m

Services: Processing, Software, Prof. Serv., Turnkey

**Software Group (The)**

RD4 Northway 10  
Executive Park  
Ballston Lake, NY 12019  
518-877-8600

Private

**Software International Corporation**

Acquired by: Computer Associates International, Inc.

**Software Ireland Representatives, Inc.**

27665 Forbes Road  
Laguna Niguel, CA 92677  
714-582-0233

Private

Services: Software

**Software Link, Inc. (The)**

8601 Dunwoody Place, N.E., Suite 632  
Atlanta, GA 30338  
404-998-0700

Rod D. Roark, President

Private

Total Sales FYE 11/86: \$22.0m Est.

Services: Software

INPUT profile available

**Software Models**

P.O. Box 1029  
Crestline, CA 92325  
714-338-5075

Private

**Software Performance Group, Inc.**

1363-26 Veterans Highway  
Hauppauge, NY 11788  
516-361-7880

Private

Services: Turnkey

**Software Products of America, Inc.**

Acquired by: UCCEL Corporation

**Software Publishing Corporation**

1901 Landings Drive  
Mountain View, CA 94043  
415-962-8910

Fred Gibbons, President

Public

Total Sales FYE 09/86: \$23.7m

Services: Software

INPUT profile available

**Software Pursuits, Inc.**

1420 Harbor Bay Parkway, #200  
Alameda, CA 94501  
415-769-4900

Larry Salveson, President

Private

Total Sales FYE 10/85: \$3.0m

Services: Software

**Software Research**

625 3rd Street, 4th Floor  
San Francisco, CA 94107-1997  
415-957-1441

Dr. Edward F. Miller, Jr., President

Private

Total Sales FYE 03/87: \$1.5m Est.

Services: Software, Prof. Serv.

INPUT profile available

**Software Research Corporation**

One Natick Executive Park  
Natick, MA 01760  
617-655-1133

Paul Tucker, President

Private

Total Sales FYE 12/85: \$5.0m

Services: Software

**Software Services of America, Inc.**

370 Essex Street  
P.O. Box 254  
Lawrence, MA 01842  
617-681-0802

Bertram R. Hickman, Jr., President

Public

Total Sales FYE 05/86: \$2.8m

Services: Software

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**Software Services of Florida**

11300 4th St. N., Paragon Crossing  
St. Petersburg, FL 33702  
813-577-1475

Herbert C. Hesse, III, President

Private

# CAMS 1987

## Directory of Computer Services Companies

**Software Shop Systems**

Route 34P  
P.O. Box 728  
Farmingdale, NJ 07727  
201-938-3200  
Ron Koval, President  
Private  
Employees: 60  
Services: Software

**Software Strategies**

7412 Washington Avenue  
Eden Prairie, MN 55344  
612-941-4044  
Private

**Software Systems, Inc.**

1570 N. Main  
P.O. Box 31  
Spanish Forks, UT 84660  
801-798-9851  
Duane Hutchings, President  
Private  
Total Sales FYE 09/85: \$0.8m  
Services: Software, Prof. Serv., Turnkey

**Software Techniques, Inc.**

6600 Katella Avenue  
Cypress, CA 90630  
714-895-1633  
Rick Scherle, President  
Private  
Employees: 15

**Softyme**

339 Bryant St.  
San Francisco, CA 94017  
415-543-4600  
Tom Sherby, President  
Private  
Employees: 25  
Services: Software

**Solid State Software, Inc.**

1401 N. Jesse James Road  
Excelsior Springs, MO 64024  
816-637-8638  
Mr. William McCullough, President  
Private  
Services: Software

**Solutionware Corporation**

1283 Mtn. View-Alviso Rd., Suite B  
Sunnyvale, CA 94089  
408-745-7818  
Charles Mears, Executive Director  
Private  
Total Sales FYE 01/85: \$0.3m  
Services: Software, Prof. Serv.

**Solvation, Inc.**

5 Mount Royal Avenue  
Maraborough, MA 01752  
617-481-9390  
Steven Kludt, President  
Private  
Employees: 8  
Services: Software, Prof. Serv., Turnkey

**SONA Systems Corporation**

8575 Willows Road  
Redmond, WA 98052  
206-883-1606  
Nick Miller, President  
Private

**Sonecor Systems**

See: Southern New England Telephone

**SOS Computer Systems, Inc.**

1401 W. 820 North  
Provo, UT 84601  
801-375-7775  
Private  
Employees: 47  
Services: Software

**SOTAS, Inc.**

192 Merrimack Street  
Haverhill, MA 01830  
617-372-0770  
Mr. Chester Domoracki, President  
Private  
Employees: 9

**Source-2**

3920 Freedom Circle  
Santa Clara, CA 95050  
408-727-2200  
Robert Solomon, President  
Private  
Employees: 100  
Services: Processing

**Source EDP**

365 Canal Street, Suite 2310  
New Orleans, LA 70130  
504-561-6000  
Private

**Source Telecomputing Corporation**

See: Reader's Digest Association, Inc.

**Southern Electric International, Inc.**

100 Ashford Center North, Suite 400  
Atlanta, GA 30338  
404-261-4700  
Private  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Southern New England Telephone**

227 Church Street  
New Haven, CT 06506  
203-771-5200  
Private

**SUBSIDIARIES/DIVISIONS:****Sonecor Systems**

367 Orange Street  
New Haven, CT 06511  
203-497-6000  
Charles Harrison, President  
Total Sales FYE 12/85: \$75.0m

**South-Western Publishing Company**

5101 Madison Road  
Cincinnati, OH 45227  
513-271-8811  
Private

**Southwest Software**

See: ALTI Corporation

**SPAR Associates, Inc.**

927 West Street  
Annapolis, MD 21401  
301-263-8593  
Frank Weston, President  
Private  
Services: Software

**Spartacus Computers, Inc.**

5 Oak Park Dr.  
Bedford, MA 01730  
617-275-4220  
James Atkins, President  
Private  
Total Sales FYE 06/84: \$1.9m  
Services: Software, Prof. Serv.

**Spectrum Human Resource Systems Corporation**

1625 Broadway, Suite 2800  
Denver, CO 80202  
303-534-8813  
James Spoot, President  
Private

**Spectrum Technology Group, Inc.**

1250 Route 28  
P.O. Box 5365  
North Branch, NJ 08876  
201-725-4010  
Private  
Services: Prof. Serv.

**Spectrum Training Corporation**

See: UCCEL Corporation

**Speech Systems, Inc.**

18356 Oxnard Street  
Torrance, CA 91356  
818-881-0885  
William S. Meisel, President  
Private  
Employees: 35

**Sperry Corporation**

Named changed to: Unisys Corporation

**Spillman Data Systems, Inc.**

15 South Main Suite 400  
Logan, UT 84321  
801-753-1610  
Richard E. Spillman, President  
Private  
Total Sales FYE 12/84: \$0.9m  
Services: Software, Prof. Serv., Turnkey

**Spinnaker Software Corp.**

One Kendall Square  
Cambridge, MA 02139  
617-494-1200  
C. David Suss, President  
Private  
Employees: 40  
Services: Software

**Spokane Computer Services, Inc.**

915 West Second Avenue  
Spokane, WA 99204  
509-624-4248  
Daniel L. Olson, President  
Private  
Total Sales FYE 03/85: \$2.9m  
Services: Processing, Software, Prof. Serv., Turnkey

**SPORTSware, Inc.**

P.O. Box 425  
West Linn, OR 97068  
503-650-0605  
Harry Turvey, President  
Private  
Services: Software

**Springboard Software**

7808 Creek Ridge Circle  
Minneapolis, MN 55435  
612-944-3915  
John Paulson, President  
Private  
Employees: 40  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**SPSS, Inc.**

444 North Michigan Avenue  
Chicago, IL 60611  
312-329-2400

**Private**

Total Sales FYE 12/85: \$17.0m

Services: Software

**SPS Software Products & Service, Inc.**

14 East 38th St., 14th Floor  
New York, NY 10016  
212-686-3790

Dr. Alex Rainer, President

**Private**

Employees: 27

Services: Software, Prof. Serv.

**Squibb Corporation**

P.O. Box 4000  
Princeton, NJ 08540  
609-921-4000

Dennis C. Fill, President  
Public

**SUBSIDIARIES/DIVISIONS:****Systemedics**

753 Boulevard  
Kenilworth, NJ 07033  
201-241-5563

Employees: 220

Services: Software, Turnkey

**SRS Network, Inc.**

330 7th Avenue  
New York, NY 10001  
212-239-6363

Cliff Samara, President

**Private**

Total Sales FYE 06/86: \$7.5m Est.

Services: Prof. Serv.

INPUT profile available

**SRW Computer Components**

18385 Bandilier Circle  
Fountain Valley, CA 92708  
714-963-5500

**Private****SSR Corporation**

1600 Lyell Ave.  
Rochester, NY 14606  
716-254-3200

Joseph J. Julian, President

**Private**

Employees: 15

Services: Software, Prof. Serv.

**Standard & Poor's Compustat Services, Inc.**

See: McGraw-Hill, Inc.

**Standard Rate & Data Service, Inc.**

See: MacMillan, Inc.

**Stanley Works**

1000 Stanley Drive  
New Britain, CT 06053  
203-225-5111

**Private****SUBSIDIARIES/DIVISIONS:****Vidmar Stanley**

11 Grammis Road  
Allentown, PA 18103  
215-797-6600  
William DeVaney, President

**Stardun, Inc.****SUBSIDIARIES/DIVISIONS:****Cimarron**

2158 S. Hathaway  
Santa Ana, CA 92705  
714-241-5600

Al Joebellis, President

Services: Software

**Starflex Systems & Services, Inc.**

989 6th Ave.  
New York, NY 10018  
212-714-1333

Lawrence Levine, President

**Private**

Total Sales FYE 06/85: \$15.0m

Services: Prof. Serv.

**Star Software Systems**

367 Van Ness Way  
Torrance, CA 90501-1494  
213-533-1190

**Private**

Total Sales FYE 07/85: \$4.0m

Services: Software

**Statistical Tabulating Corporation**

2 North Riverside Plaza  
Chicago, IL 60606  
312-454-8000

Michael R. Notaro, Sr., President

**Private**

Total Sales FYE 12/84: \$42.0m

Services: Processing, Prof. Serv.

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# CAMS 1987

## Directory of Computer Services Companies

### STC Systems, Inc. & Ultimacc Global Software Business System

4 North St.  
Waldwick, NJ 07463  
201-445-5050  
George Pilmanis, President  
Private  
Total Sales FYE 12/84: \$30.0m  
Services: Software, Turnkey

### Sterling Software, Inc.

8080 North Central Expwy., Suite 1100  
Dallas, TX 75206  
214-891-8600  
Sterling L. Williams, President  
Public  
Total Sales FYE 09/86: \$233.8m  
Services: Software  
INPUT profile available

### SUBSIDIARIES/DIVISIONS:

#### Dylakor

17418 Chataworth Street  
Granada Hills, CA 91344  
818-366-1781  
Carole Morton, President  
Employees: 64  
Services: Software

### Sterling Swift Publishing Co.

7901 South 1H-35  
Austin, TX 78744  
512-282-6840  
Private

### STI Software Technology Inc.

620 North 48 Street, Suite 120  
Lincoln, NE 68504  
402-466-1997  
Private

### St. John's Data Systems, Inc.

Acquired by: SCICOM Data Services, Ltd.

### St. Joseph Systems, Inc.

Acquired by: Systematics, Inc.

### STM Systems

Named changed to: Global Turnkey Systems, Inc.

### Stockholder Systems, Inc.

4411 E. Jones Bridge Rd.  
Norcross, GA 30092  
404-441-3387  
Lawrence A. Dean, President  
Public  
Total Sales FYE 03/87: \$14.0m  
Services: Software  
INPUT profile available

### Stone & Associates

7910 Ivanhoe Ave., Suite 319  
La Jolla, CA 92037  
619-459-9173  
Vivi Stone, President  
Private  
Employees: 6

### Stonehouse and Company, Inc.

4100 Spring Valley Road, Suite 400  
Dallas, TX 75244  
214-960-1566  
Marshall Roberts, President  
Private  
Total Sales FYE 12/85: \$1.6m Est.  
Services: Software, Prof. Serv.  
INPUT profile available

### Strategic Decisions Group

3000 Sand Hill Road  
Menlo Park, CA 94025-7127  
415-854-9000  
Private  
Employees: 70  
Services: Prof. Serv.

### Strategic Planning Associates

600 New Hampshire Ave., NW  
Washington, DC 20037  
202-298-3300  
Francois de Carbonnel, President  
Private  
Total Sales FYE 08/85: \$25.0m  
Services: Prof. Serv.

### Strategic Software Systems

1300 Dove Street  
Newport Beach, CA 92660  
714-476-2842  
Private

### Structural Measurement Systems, Inc.

661 River Oaks Parkway  
San Jose, CA 95113  
408-263-2200  
Mark Richardson, President  
Private  
Employees: 40  
Services: Software, Prof. Serv.

### Structured Computer Systems, Inc.

17 Talcoti Notch Road  
Farmington, CT 06032  
203-677-0222  
Gerard D. O'Connell, V.P. Mktg.  
Private  
Employees: 35  
Services: Software, Prof. Serv.



# CAMS 1987

## Directory of Computer Services Companies

**Structured Methods, Inc.**

7 West 18th St.  
New York, NY 10011  
212-741-7720  
Miguel Jimenes, President  
Private  
Total Sales FYE 11/85: \$1.8m  
Services: Prof. Serv.

**STSC, Inc.**

2115 East Jefferson Street  
Rockville, MD 20852  
301-984-5488  
William G. Gibson, President  
Private  
Employees: 150  
Services: Processing, Software  
INPUT profile available

**Studio Software Corporation**

17862 Fitch  
Irvine, CA 92714  
714-474-0131  
Private  
Services: Software

**Sublogic Corp.**

713 Edgebrook Drive  
Champaign, IL 61820  
217-359-8482  
Private  
Services: Software

**Subscriber Computing, Inc.**

See: Dyna, Inc.

**Summagraphics Corporation**

777 State Street Extension  
Fairfield, CT 06430  
203-384-1344  
Bill Lifka, President  
Private  
Employees: 350  
Services: Turnkey

**Summa Software Corporation**

P.O. Box 2046  
Beaverton, OR 97075  
503-644-3212  
Private

**Summit Information Systems Corporation**

850 S.W. 35th Street  
P.O. Box 3003  
Corvallis, OR 97339  
503-758-5888  
Herb Hughes, President  
Private  
Employees: 120  
Services: Software

**Sunbelt Computer Systems, Inc.**

5525 East 51st Street, Suite 111  
Tulsa, OK 74135  
918-660-0670  
Steve Meyer Sr., President  
Private  
Total Sales FYE 07/84: \$0.5m  
Services: Software

**SunData Corporation**

Named changed to: SunGard Data Systems, Inc.

**SunGard Data Systems, Inc.**

Two Glenhardie Corporate Center  
1285 Drummers Lane  
Wayne, PA 19087  
215-341-8700  
James L. Mann, President  
Public  
Total Sales FYE 12/86: \$69.1m  
Services: Processing, Software  
INPUT profile available

**Superex Business Software**

151 Ludlow Street  
Yonkers, NY 10705  
800-862-8800  
Private

**SuperSoft, Inc.**

510 West Park  
P.O. Box 1628  
Champaign, IL 61820  
217-359-2112  
Richard Balocca, President  
Private  
Employees: 25  
Services: Software

**Supplementary D.P. Service, Inc.**

19 Westinghouse Plaza  
Bloomfield, NJ 07003  
201-743-3164  
Mr. Guido Tango, President  
Private  
Total Sales FYE 03/84: \$1.0m  
Services: Processing

**Survey Tabulation Services, Inc.**

1218 Massachusetts Ave.  
Cambridge, MA 02138  
617-547-6475  
Art Spar, President  
Private  
Total Sales FYE 10/85: \$0.4m  
Services: Processing

# CAMS 1987

## Directory of Computer Services Companies

**Swanson Analysis Systems**

Johnson Road  
P.O. Box 65  
Houston, PA 15342  
412-746-3304  
Private

**Sybase, Inc.**

2910 7th Street  
Berkeley, CA 94710  
415-548-4500  
Mark Hoffmann, President  
Private  
Employees: 90  
Services: Software

**Sybex, Inc.**

2344 Sixth Street  
Berkeley, CA 94710  
415-848-8233  
Private

**Sycam**

P.O. Box 7947  
Madison, WI 53707  
608-271-1133  
Richard Rehberg, General Manager  
Private  
Total Sales FYE 12/84: \$13.0m  
Services: Processing, Turnkey

**Symantec Corporation**

10201 Torre Ave.  
Cupertino, CA 95014  
408-253-9600  
Gordon Eubanks, President  
Private  
Total Sales FYE 12/85: \$1.4m  
Services: Software  
INPUT profile available

**Symbolics Financial Systems, Inc.**

See: Lomas & Nettleton Financial Corporation

**Symbolics, Inc.**

11 Cambridge Center  
Cambridge, MA 02142  
617-577-7500  
Russell Nofstaker, President  
Public  
Total Sales FYE 06/86: \$114.2m  
Services: Turnkey

**Symbolics, Inc.**

575 Union Blvd., Suite 301  
Lakewood, CO 80228  
303-987-2600  
Terrence W. Sund, President  
Private  
Employees: 9  
Services: Processing, Software, Prof. Serv., Turnkey

**Symmetric Software**

2005 Balboa Blvd., Suite 256  
Newport Beach, CA  
714-632-0823  
Private

**Symmitar Systems, Inc.**

9968 Hibert St., Suite 202  
San Diego, CA 92131  
619-271-0946  
Mr. Manny Prupes, President  
Private  
Total Sales FYE 12/86: \$2.2m  
Services: Software, Turnkey

**Synchronics**

6263 Poplar Avenue, Suite 300  
Memphis, TN 38119  
901-761-1166  
Private  
Services: Software

**Synsort, Inc.**

560 Sylvan Ave.  
Englewood Cliffs, NJ 07632  
201-568-9700  
A. Tavitan, President  
Private  
Total Sales FYE 12/84: \$24.0m  
Services: Software

**Synercom Technology, Inc.**

10405 Corporate Dr.  
Sugar Land, TX 77478  
713-240-5000  
Thomas E. Moore, President  
Public  
Total Sales FYE 10/86: \$17.5m  
Services: Software  
INPUT profile available

**Synerlogic, Inc.**

1678 128th Street, #200  
Surrey, BC V4A3V3  
604-538-3441  
Private  
Services: Turnkey

**Syntactics Corporation**

3333 Bowers Ave., Suite 145  
Santa Clara, CA 95054  
408-727-6400  
Erwin Morton, President  
Private  
Employees: 20  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Syntelligence, Inc.**

1000 Hamlin Court  
Sunnyvale, CA 94088  
408-745-6666  
Sheldon Breiner, President  
Private

**Syntrex, Inc.**

246 Industrial Way, West  
P.O. Box 657  
Eaton Town, NJ 07724  
201-542-1500  
Carol Arco, President  
Private

**SYSCON Corporation**

1000 Thomas Jefferson Street, N.W.  
Washington, DC 20007  
202-342-4000  
Edwin E. Tritch, President  
Public  
Total Sales FYE 11/86: \$135.0m Est.  
Services: Processing, Software, Prof. Serv.  
INPUT profile available

**SYS-ED**

35 West 35th St.  
New York, NY 10001  
212-564-9147  
Private  
Total Sales FYE 12/84: \$0.8m  
Services: Prof. Serv.

**SYSGEN, Inc.**

P.O. Box 13707  
Research Triangle Park, NC 27709-3707  
919-361-1914  
J.F. Jennings, President  
Private  
Total Sales FYE 12/85: \$2.0m Est.  
Services: Software

**Sysgen, Inc.**

P.O. Box 13707  
Research Triangle Park, NC 27709-3707  
919-361-1914  
J.F. Jennings, President  
Private  
Total Sales FYE 12/86: \$2.0m Est.  
Services: Software  
INPUT profile available

**Sysorex International, Inc.**

10590 N. Tantau Ave.  
Cupertino, CA 95014  
408-996-9363  
Abdus Salam Qureishi, President  
Private  
Services: Turnkey

**Systar Corporation**

1762 Technology Dr., Suite 208  
San Jose, CA 95110  
408-923-3336  
David Rets, President  
Private  
Employees: 24

**Systematics, Inc.**

4001 Rodney Parham Rd.  
Little Rock, AR 72212  
501-223-5100  
Raymond R. Maturi, President  
Public  
Total Sales FYE 05/86: \$122.6m  
Services: Processing, Software  
INPUT profile available

**Systemation, Inc.**

Two Commerce Park Square  
23200 Chargin Boulevard  
Cleveland, OH 44122  
216-464-8616  
William C. Stillson, President  
Private  
Total Sales FYE 12/85: \$16.7m

**System Automation Corporation**

8555 16th St.  
Silver Springs, MD 20910  
301-565-9400  
Alfred Rubin, President  
Private  
Total Sales FYE 06/85: \$6.6m  
Services: Prof. Serv.

**Systeme Corporation**

3443 Parkway Center Court  
Orlando, FL 32808  
305-298-8180  
Tom Everhart, President  
Private  
Total Sales FYE 12/84: \$17.6m  
Services: Software, Turnkey

**Systemedics**

See: Squibb Corporation

**Systemhouse, Limited****SUBSIDIARIES/DIVISIONS:****Systemhouse, Inc.**

1655 North Fort Meyers Drive  
Arlington, VA 22209  
703-276-0500  
Peter Sardiford, President  
Services: Prof. Serv., Turnkey

# CAMS 1987

## Directory of Computer Services Companies

**System Integrators, Inc.**

4111 North Freeway Blvd.  
P.O. Box 13626  
Sacramento, CA 95853  
916-929-9481  
Alden L. Edwards, President  
Public  
Total Sales FYE 09/86: \$68.4m  
Services: Turnkey  
INPUT profile available

**System Management Associates**

3700 Computer Dr.  
Raleigh, NC 27619  
919-787-7703  
John Segner, President  
Private  
Total Sales FYE 02/84: \$1.0m  
Services: Software

**SystemOne Corporation**

See: Texas Air Corporation

**Systems and Applied Sciences Corporation (SASC)**

See: Atlantic Research Corporation

**Systems and Software, Inc.**

Griswold Industrial Park  
R.D. 2 Post Office Box 51A  
Williston, VT 05495  
802-863-5569  
William H. Willey, President  
Private  
Employees: 7  
Services: Software

**Systems Application Engineering, Inc.**

3955 Westcenter  
Houston, TX 77042  
713-783-6020  
Private  
Total Sales FYE 06/85: \$4.9m  
Services: Software, Prof. Serv., Turnkey

**Systems Architects, Inc.**

SAI Research and Development Park  
Thomas Patten Drive  
Randolph, MA 02368  
617-961-2700  
George S. Pan, President  
Private  
Total Sales FYE 02/84: \$18.0m

**Systems Associates, Inc.**

Acquired by: First Data Resources, Inc.

**Systems Assurance Corporation**

16 Lafayette St.  
P.O. Box 237  
Yarmouth, ME 04096  
207-846-3761  
Donald Chase, President  
Public  
Total Sales FYE 10/86: \$1.3m  
Services: Software, Prof. Serv., Turnkey

**Systems By Mica**

6101 South Rural  
Tempe, AZ 85823  
602-897-9576  
Frank Roberts, President  
Private  
Total Sales FYE 09/85: \$9.0m Est.  
Services: Software, Prof. Serv., Turnkey

**Systems & Computer Technology Corporation**

Great Valley Corporate Center  
4 Country View Road  
Malvern, PA 19355  
215-647-5930  
Michael J. Emmi, President  
Public  
Total Sales FYE 09/86: \$41.5m  
Services: Software, Prof. Serv.  
INPUT profile available

**Systems Control, Inc.**

See: British Petroleum

**Systems Coordination, Inc.**

255 North Vantage Point Drive  
P.O. Box 2600  
Crystal River, FL 32629  
904-795-6596  
Earl Porter, President  
Private  
Total Sales FYE 12/84: \$6.0m  
Services: Software, Prof. Serv.

**Systems Engineering Computer Co. (SEC)**

5400 Byrdhill Rd.  
Richmond, VA 23228  
804-262-4066  
John Noll, President  
Private  
Employees: 60  
Services: Processing, Software, Prof. Serv., Turnkey

**Systems Management, Inc.**

6300 North River Road  
Rosemont, IL 60018  
312-698-4000  
George M. Ridgeway, President  
Private  
Total Sales FYE 06/86: \$12.0m Est.  
Services: Turnkey  
INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**Systems Of The Future, Inc.**

35 Airport Rd.  
Morristown, NJ 07960  
201-267-4130  
Gerald B. Lichtenberger, President  
Private  
Total Sales FYE 12/85: \$2.2m  
Services: Software, Prof. Serv., Turnkey

**System Solutions, Inc.**

2650 Nicollet Ave.  
Minneapolis, MN 55408  
612-871-5713  
Gerald Ganam, President  
Private  
Total Sales FYE 03/85: \$1.0m Est.  
Services: Software

**Systems Plus, Inc.**

500 Clyde Ave.  
Mountain View, CA 94043-2212  
415-969-7047  
Private  
Total Sales FYE 1/86: \$3.0m  
Services: Software  
INPUT profile available

**Systems & Programming Resources, Inc.**

1100 Jorie Blvd., Suite 359  
Oakbrook, IL 60521  
312-654-4188  
Eugene Siglivio, President  
Private  
Total Sales FYE 09/85: \$10.0m  
Services: Prof. Serv., Turnkey

**Systems Research & Applications**

2425 Wilson Boulevard  
Arlington, VA 22201  
Ernest Volgenau, President  
Private

**Systems & Software**

3303 Harbor Blvd., Suite C-11  
Costa Mesa, CA 92626  
714-241-8650  
Paul Chien, President  
Private  
Employees: 6  
Services: Software

**Systems Software Associates, Inc.**

200 W. Madison, Suite 2850  
Chicago, IL 60606  
312-641-2900  
Roger E. Covey, President  
Private  
Total Sales FYE 12/85: \$17.0m  
Services: Software  
INPUT profile available

**Systems Software Division**

See: UCCEL Corporation

**Systems Software, Inc.**

16302 Sealark  
Houston, TX 77062  
713-488-8812  
Bill J. Predmore, President  
Private  
Employees: 12  
Services: Software, Prof. Serv., Turnkey

**Systems Strategies, Inc.**

See: AGS Computers, Inc.

**Systonetics, Inc.**

801 E. Chapman Ave.  
Fullerton, CA 92631  
714-680-0910  
Douglas B. Hunt, President  
Public  
Employees: 95  
Services: Software, Prof. Serv., Turnkey

**Sytech Corporation**

3939 Ann Harbor  
Houston, TX 77063  
713-783-9540  
Bill Rice, President  
Private  
Total Sales FYE 12/85: \$1.6m  
Services: Processing, Turnkey

**Tallgrass Technologies Corporation**

11100 W. 82nd Street  
Overland Park, KS  
913-492-6002  
Private

**Tandem Computers Incorporated**

19333 Valico Parkway  
Cupertino, CA 95014  
408-725-6000  
James G. Treybig, President  
Public  
Total Sales FYE 09/85: \$624.1m  
Services: Software

**Tandy Corporation**

1800 One Tandy Center  
Fort Worth, TX 76102  
817-390-3700  
John Posch, President  
Public  
Total Sales FYE 06/84: \$2784.5m  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Target Technologies**

16 Knight Street  
Norwalk, CO 06851  
203-866-6010  
Thomas G. Cain, President  
Private  
Total Sales FYE 10/84: \$0.4m  
Services: Software, Prof. Serv.

**Tarkenton Software, Inc.**

Merged with: KnowledgeWare, Inc.

**Tartan Laboratories, Inc.**

477 Melwood Avenue  
Pittsburgh, PA 15213  
412-621-2210  
William Wulf, Chairman  
Private  
Total Sales FYE 06/85: \$1.0m Est.  
Services: Software, Prof. Serv.

**Tasvir Corporation**

2490 Charleston Road  
Mountain View, CA 94043  
415-969-5602  
Private  
Services: Software

**T & B Computing, Inc.**

See: Townsend and Bottum, Inc.

**TBG, Inc.**

1211 Sixth Ave.  
New York, NY 10036  
212-556-8500  
Ray Looney, President  
Private

**SUBSIDIARIES/DIVISIONS:****BRS Information Technology**

1200 Route 7  
Latham, NY 12110  
518-783-1161  
William Marovitz, President  
Total Sales FYE 10/86: \$17.0m  
Services: Processing, Software

**TCS Software, Inc.**

6100 Hillcroft, Suite 600  
Houston, TX 77081  
713-771-6000  
W. Kyle Willis, President  
Private  
Employees: 45  
Services: Software

**Teal Communications, Inc. CANADA****SUBSIDIARIES/DIVISIONS:****Teal Communications International, Inc.**

P.O. Box 8062  
Blaine, WA 98230  
Christopher Elmer, President  
Employees: 6  
Services: Software

**Teal Communications International, Inc.**

See: Teal Communications, Inc. CANADA

**TEC Computer Systems, Inc.**

30 Tower Road  
Newton, MA 02164  
617-964-3890  
Stephen A. Levine, President  
Private  
Total Sales FYE 12/85: \$5.0m  
Services: Software, Turnkey  
INPUT profile available

**Technalysis Corporation**

6700 France Avenue South  
Minneapolis, MN 55435  
612-925-5900  
Victor A. Rocchio, President  
Public  
Total Sales FYE 12/86: \$13.5m  
Services: Software, Prof. Serv.  
INPUT profile available

**Technical Advantage Corporation**

1200 South Sherman, Suite 130  
Richardson, TX 75081  
214-644-2022  
Tom DeHart, President  
Private  
Total Sales FYE 09/85: \$0.5m  
Services: Software, Prof. Serv.

**Technical Data Corporation**

330 Congress Street  
Boston, MA 02109  
617-482-3341  
Jeff Parker, President  
Private  
Total Sales FYE 12/84: \$1.0m Est.  
Services: Processing, Software

# CAMS 1987

## Directory of Computer Services Companies

### Technical Evaluation and Management Systems, Inc. (TEAMS)

5151 Bellline Road, Suite 1110  
Dallas, TX 75240  
214-386-5764

Dr. Floyd E. Leaders, Jr., President  
Private  
Employees: 70

### Technicall

390 Bridge Parkway, Suite 101  
Redwood City, CA 94065  
414-595-3341

David Andrews, President  
Private  
Employees: 25

### Technical Systems Consultants, Inc.

111 Providence Road  
Chapel Hill, NC 27514  
919-493-1451

David Shirk, President  
Private

Total Sales FYE 10/86: \$1.0m Est.  
Services: Software  
INPUT profile available

### Technicon Data Systems Corporation

5887 Glenridge Drive  
Atlanta, GA 30328  
404-252-0085

John Whitehead, President  
Private

Total Sales FYE 12/85: \$36.0m  
Services: Turnkey  
INPUT profile available

### Technology Concepts, Inc.

County Road  
Sudbury, MA 01776  
617-443-7311

Stuart Wecker, Chairman  
Private

Employees: 40

### Technology Consulting Corporation

23 Ariel Way  
Avon, CT 06001-3701  
203-674-8621

Thomas R. Baley, President  
Private

Total Sales FYE 12/84: \$0.3m

### Technology Development of California

Named changed to: ZeroOne Systems, Inc.

### Teknekron Financial Systems

See: Teknekron Industries

### Teknekron Industries

#### SUBSIDIARIES/DIVISIONS:

#### Teknekron Financial Systems

2001 Center Street  
Berkeley, CA 90704  
415-548-8572

Emmet Burns, President  
Total Sales FYE 03/86: \$9.0m  
Services: Prof. Serv., Turnkey

#### Integrated Automation, Inc.

1301 Harbor Bay Parkway  
P.O. Box 4004  
Alameda, CA 94501  
415-769-5400

David L. Fain, President  
Total Sales FYE 07/86: \$24.0m Est.  
Services: Turnkey  
INPUT profile available

#### Software Alliance Corporation

2100 Milvia Street  
Berkeley, CA 94704  
415-548-7752

Jon T. Blankmeter, President  
Total Sales FYE 12/86: \$15.0m Est.  
Services: Software, Turnkey  
INPUT profile available

#### CorSTAR, Inc.

2121 Allstom Way  
Berkeley, CA 94704  
415-548-4100

Peter Cokor, President  
Total Sales FYE 03/86: \$2.0m Est.  
Services: Prof. Serv.

#### Teknowledge, Inc.

1850 Embarcadero Road, Suite 200  
Palo Alto, CA 94303  
415-424-0500

Lee Hecht, President  
Public

Total Sales FYE 06/86: \$14.6m  
Services: Software, Prof. Serv.  
INPUT profile available

#### Telecom Consultants Groups, Inc.

10 S. Riverside Plaza  
Chicago, IL 60606  
312-454-9396

William Mashek, President  
Private  
Employees: 20



# CAMS 1987

## Directory of Computer Services Companies

**Telecredit, Inc.**

1901 Avenue of the Stars  
Los Angeles, CA 90067  
215-277-4061  
Lee A. Ault III, President  
Public  
Total Sales FYE 04/86: \$102.3m  
Services: Processing  
INPUT profile available

**Telurate, Inc.**

One World Trade Center, 104th Floor  
New York, NY 10048  
212-938-5200  
Neil S. Hirsch, President  
Public  
Total Sales FYE 09/86: \$210.4m  
Services: Processing  
INPUT profile available

**Telesis Systems Corporation**

Two Omni Way  
Chelmsford, MA 01824  
617-256-2300  
Patrick de Cavaignac, President  
Private  
Total Sales FYE 03/84: \$13.6m  
Services: Turnkey  
INPUT profile available

**Telesoft**

10639 Roselle Street  
San Diego, CA 92121  
619-457-2700  
Amnon Ben-Yehuda, President  
Private  
Total Sales FYE 04/84: \$5.0m  
Services: Software

**Tele-Sun**

35 Rockridge Road  
Englewood, OH 45322  
513-836-2980  
Ray Fischer, Vice President  
Private  
Services: Software

**Telesun Corporation**

404 E. 4500 S., Suite B12  
Salt Lake City, UT 84107  
801-261-4936  
Private

**Tele-Tech Services**

Old Rudetown Road  
P.O. Box 757  
McAfee, NJ 07428  
201-827-4421  
Stephen C. Kromer, President  
Private  
Total Sales FYE 06/85: \$0.5m

**Teleware**

P.O. Box 729  
Pinebrook, NY 07058  
201-882-0466  
Private

**Telos Corporation**

3420 Ocean Park Blvd.  
Santa Monica, CA 90405  
213-450-2424  
Howard Metcalfe, President  
Public  
Total Sales FYE 03/87: \$78.8m  
Services: Software, Prof. Serv.  
INPUT profile available

**Template Systems, Inc.**

7 Industrial Park Road  
Medway, MA 02053  
800-522-2286  
Private  
Services: Software

**TENERA,LP**

1995 University Ave.  
Berkeley, CA 94704  
415-845-5200  
Donald Davis, President  
Public  
Total Sales FYE 06/85: \$23.7m  
Services: Software, Prof. Serv.  
INPUT profile available

**Teneron Corporation**

6700 S.W. 105th, Suite 200  
Beaverton, OR 97005  
503-646-1599  
Joseph P. Hawranek, President  
Private  
Services: Software

**Tenman Systems, Inc.**

1855 Mt. Prospect Road  
Del Plaines, IL 60018  
312-699-7500  
Frank Vogel, President  
Private

**Teradata Corporation**

12945 Jefferson  
Los Angeles, CA 90066  
213-827-8777  
Kenneth Simonds, President  
Private  
Employees: 150

# CAMS 1987

## Directory of Computer Services Companies

**Terrano Corporation**

245 S. 84th St.  
Lincoln, NE 68510  
402-483-7831

James A. Terrano, President

Public

Employees: 22

Services: Turnkey

**Tesseract Corporation**

101 Howard St.  
P.O. Box 7658  
San Francisco, CA 94120  
415-543-9320

Charles Yazel, President

Private

Total Sales FYE 07/85: \$8.0m

Services: Software

**Texas Air Corporation**

333 Clay Street, Suite 4040  
Houston, TX 77002  
713-658-9588

Francisco A. Lorenzo, CEO

Public

**SUBSIDIARIES/DIVISIONS:****SystemOne Corporation**

2929 Allen Parkway  
Houston, TX 77019  
713-630-5000

Richard E. Murray, President

Total Sales FYE 12/84: \$29.0m

Services: Processing

**Texas Direct, Inc.**

5100 Rondo Box 7252  
Fort Worth, TX 76111  
817-625-4221

John W. Windle, President

Private

Total Sales FYE 12/84: \$4.9m

Services: Processing

**Texas Instruments Incorporated**

13500 North Central Expwy  
Dallas, TX 75265  
214-995-2011

Jerry R. Junkins, President

Public

**SUBSIDIARIES/DIVISIONS:****Geophysical Service Inc.**

7800 Banner Drive  
Dallas, TX 75251  
214-995-7654

Dolan K. McDaniel, President

Services: Processing

**Texor Corporation**

815 E. Middlefield Road  
Mountain View, CA 94043  
415-969-7271

Private

**Thermeon Corporation**

131 N. Tustin Avenue, #108  
Tustin, CA 92680  
714-835-9191

Rollo S. Pickford, President

Private

Total Sales FYE 09/84: \$0.6m

Services: Turnkey

**Think Technologies, Inc.**

420 Bedford Street  
Lexington, MA 02173  
617-863-5590

Private

Services: Software

**Thomas-Laguban & Associates**

250 N. Patrick Boulevard  
Brookfield Lakes Corporate Center  
Brookfield, WI 53005  
414-792-0300

Gene Thomas, Chairman

Private

Total Sales FYE 12/85: \$5.0m

Services: Software

INPUT profile available

**Thomas L. Jacobs & Associates**

230 W. Monroe St., Suite 545  
Chicago, IL 60606  
312-346-0155

Richard A. Lewis, President

Private

Total Sales FYE 12/85: \$2.5m Est.

Services: Software, Prof. Serv.

INPUT profile available

**Thorn EMI Computer Software**

285 Mill Road  
Chelmsford, MA 01824  
617-256-3900

John H. Lowry, President

Private

Total Sales FYE 03/86: \$11.7m

Services: Processing, Software, Prof. Serv.

**Thoroughbred Software**

See: Concept Omega Corporation

# CAMS 1987

## Directory of Computer Services Companies

**Thoughtware, Inc.**

2699 South Bayshore  
Suite 1000A  
Coconut Grove, FL 33133  
800-848-9273

Jack Levine, President  
Private  
Employees: 40  
Services: Software

**Thoughtware Publishing Company**

P.O. Box 669  
Grant Pass, OR 97526  
503-476-1468

William George, President  
Private  
Employees: 15  
Services: Software

**Three D Graphics**

860 Via De La Paz  
Pacific Palisades, CA 90272  
213-459-7949

E. Easton, President  
Private  
Employees: 10  
Services: Software

**Three P.M.**

See: McKesson Corporation

**Timberline Software Corporation**

9405 SW. Gemini  
Beaverton, OR 97005  
503-626-6775

John A. Gornon, President  
Public  
Total Sales FYE 12/86: \$7.2m  
Services: Software, Turnkey  
INPUT profile available

**Titan Corporation (The)**

16000 Ventura Blvd.  
Encino, CA 91436  
818-995-1755  
Private

**SUBSIDIARIES/DIVISIONS:****Titan Systems, Inc.**

9191 Towne Centre Drive  
La Jolla Gateway, Suite 600  
San Diego, CA 92122  
619-453-9500

Albert E. Knauf, Jr., President  
Total Sales FYE 12/85: \$34.4m  
Services: Prof. Serv.  
INPUT profile available

**Titan Systems, Inc.**

See: Titan Corporation (The)

**Titan Technologies, Inc.**

310 W. Ann Street  
Ann Arbor, MI 48104  
313-662-8542

Gregory J. Stuk, President  
Private  
Total Sales FYE 02/85: \$10.0m

**T K Data Solutions**

P.O. Box 392  
Plantsville, CT 06479  
203-621-5044

Tom Kerricus, President  
Private  
Services: Software, Prof. Serv.

**TLS Company**

425 2nd St. S.E.  
P.O. Box 1680  
Cedar Rapids, IA 52401  
319-365-5211

Von L. Elbert, President  
Public  
Total Sales FYE 06/84: \$15.6m  
Services: Processing, Turnkey

**TLS Company**

1 Jeanne Drive  
Newburgh, NY 12550  
914-564-6000

Bill Williams, President  
Private  
Services: Processing, Turnkey

**T/Maker Company**

2115 Landings Drive  
Mountain View, CA 94043  
415-962-0195

Robert J. Simon, Vice President  
Private  
Employees: 8  
Services: Software

**Tominy, Inc.**

4221 Malsbary Road, Building 1  
Cincinnati, OH 45242  
513-984-6605

Bill Martur, President  
Private  
Total Sales FYE 09/86: \$6.0m  
Services: Software, Prof. Serv.  
INPUT profile available

# CAMS 1987

## Directory of Computer Services Companies

**TOM Software, Inc.**

127 S.W. 156th Street  
P.O. Box 66595  
Seattle, WA 98166  
206-246-7022

Howard Bing, President

Private

Total Sales FYE 10/84: \$5.4m

Services: Software

**Tone Software Corporation**

1735 South Brookhurst Street  
Anaheim, CA 92804  
714-991-9460

Jerry Slater, President

Private

Employees: 15

**Top Down Systems**

See: Office Express, Inc.

**Total System Services, Inc.**

P.O. Box 120  
Columbus, GA 31902  
404-649-2387

Richard W. Usery, President

Public

Total Sales FYE 12/86: \$28.4m

Services: Processing

**Touche Ross & Company**

1633 Broadway  
New York, NY 10019  
212-489-1600

Private

Total Sales FYE 07/84: \$630.0m

Services: Prof. Serv.

**Touchette Corporation**

5701 Enterprise Parkway  
Enterprise, NY 13057  
315-445-0291

John Touchette, President

Private

Total Sales FYE 06/84: \$4.2m

Services: Processing, Turnkey

**Tower Systems, Inc.**

2220 Fairview Road  
Costa Mesa, CA 92628  
714-650-4900

J. Gregory Siemon, President

Private

Total Sales FYE 06/85: \$7.5m

Services: Software

**Townsend and Bottum, Inc.**

2245 State Street  
Ann Arbor, MI 48106  
313-761-3440

Private

**SUBSIDIARIES/DIVISIONS:****T & B Computing, Inc.**

1100 Eisenhower Place  
Ann Arbor, MI 48104  
313-973-1900

Cecil Murray, President

**Training Company (The)**

657 Mission Street, Suite 500  
San Francisco, CA 94105  
415-986-1121

Lance Dublin, President

Private

Employees: 10

Services: Software, Prof. Serv.

**Transform Logic Corporation**

8502 E. Via de Ventura  
Scottsdale, AZ 85258-3220  
602-948-2600

Roger Phillips, President

Public

Total Sales FYE 10/86: \$6.6m

Services: Software

INPUT profile available

**Transition Systems, Inc.**

35 Kneeland Street  
Boston, MA 02111  
617-956-1005

Peter Van Etten, President

Private

Employees: 35

Services: Software, Prof. Serv.

**Transportation Management Techniques Inc.**

1391 Old Mill Circle  
Winston-Salem, NC 27103  
919-765-1498

J.C. Paterson, CEO

Private

Total Sales FYE 12/86: \$0.5m Est.

Services: Software, Turnkey

INPUT profile available

**Trans Technology, Inc.**

# CAMS 1987

## Directory of Computer Services Companies

## SUBSIDIARIES/DIVISIONS:

**Sidereal Corporation**

9600 S.W. Barnes Road  
Portland, OR 97225  
503-297-5531  
Ole Kilgore, President  
Employees: 140  
Services: Software

**Trans Tech Services, Inc.**

4309 Hacienda Drive, Suite 490  
Pleasanton, CA 94566  
415-463-1400

Larry Woon, President  
Private

Total Sales FYE 12/85: \$3.0m Est.  
Services: Software, Prof. Serv., Turnkey  
INPUT profile available

**Travelers/Diebold Technology Company, Inc.**

## SUBSIDIARIES/DIVISIONS:

**Execucom Systems Corporation**

9442 North Capitol of Texas Highway  
Austin, TX 78731  
512-346-4980  
Gary Anderson, President  
Total Sales FYE 12/85: \$20.0m Est.  
Services: Prof. Serv.

**TRAX Software Inc.**

10801 National Blvd., Suite 205  
Los Angeles, CA 90064  
213-475-8729

Private  
Employees: 5  
Services: Prof. Serv.

**Treasury Strategies, Inc.**

180 N. LaSalle St., Suite 700  
Chicago, IL 60601  
312-443-0840

Kathy Rollins, President  
Private  
Total Sales FYE 12/84: \$0.5m

**Triad Systems Corporation**

1252 Orleans Drive  
P.O. Box 61779  
Sunnyvale, CA 94088-1779  
408-734-9720

James R. Porter, President  
Public  
Total Sales FYE 09/86: \$111.7m  
Services: Processing, Turnkey  
INPUT profile available

**Triangle Computer Services**

200 W. Mercer Ave., Suite 300  
Seattle, WA 98119  
206-282-8466

Ben Schrenzel, President  
Private  
Total Sales FYE 05/86: \$0.5m Est.  
Services: Software, Prof. Serv.  
INPUT profile available

**Triangle Software Company**

Merged with: UCCEL Corporation

**TRICAD, Inc.**

Merged with: Auto-Trol Technology Corp.

**Trilog, Inc.**

1700 Market St.  
Philadelphia, PA 19103  
215-564-3404

Daniel Drosd, President  
Private  
Total Sales FYE 12/85: \$7.6m Est.  
Services: Processing, Software

**Tru-Check Computer Systems**

6 Nursery Lane  
Rey, NY 10580  
914-967-9300

Roger Kaufman, President  
Private  
Employees: 60  
Services: Processing

**True Basic, Incorporated**

39 South Main Street  
Hanover, NH 03755  
603-643-3882

Leo L. Kornfeld, President  
Private  
Total Sales FYE 12/85: \$2.0m Est.  
Services: Software  
INPUT profile available

**Trutec Software**

1700 Solano Avenue  
Berkeley, CA 94709  
415-525-4901

Private

**TRW, Inc.**

1900 Richmond Road  
Cleveland, OH 44124  
216-291-7000

Joseph T. Gorman, President  
Public  
Total Sales FYE 12/86: \$6035.9m

# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:****TRW Information Services**

505 City Parkway West  
Orange, CA 92668  
714-385-7000

Edward F. Freeman, Vice President  
Total Sales FYE 12/86: \$125.0m Est.  
Services: Processing  
INPUT profile available

**TRW System Development**

One Space Park  
Redondo Beach, CA 90278  
213-535-4321

Philip N. Papaccio, Vice President  
Total Sales FYE 12/86: \$192.0m  
Services: Prof. Serv.  
INPUT profile available

**TRW Information Services**

See: TRW, Inc.

**TRW System Development**

See: TRW, Inc.

**TSR, Inc.**

400 Oser Avenue  
Hauppauge, NY 11788  
516-231-0333

Joseph F. Hughes, President  
Public

Total Sales FYE 05/86: \$19.1m  
Services: Processing, Prof. Serv.  
INPUT profile available

**TSR, Inc.**

400 Oser Ave.  
Hauppauge, NY 11788  
516-231-0333

Joseph F. Hughes, Chairman & CEO  
Private

**Turner Hall Publishing**

10201 Torre Avenue  
Cupertino, CA 95014  
408-253-9607

Thomas Byers, General Manager  
Private  
Services: Software

**Turnkey Information Processing Inc.**

500 Fifth Avenue  
New York, NY 10110  
212-944-1060

Vincent J. Deschanps, President  
Private

**Twin Oaks**

P.O. Box 136  
Cottage Grove, MN 55016  
612-458-1604

Jon Dokken, President  
Private

**TW Technologies, Inc.**

21636 N. 14th Ave., Suite A2  
Phoenix, AZ 85027  
602-581-0669

Robert E. Thompson, President  
Private  
Employees: 10  
Services: Turnkey

**TYMAC**

129 Main Street  
Franklin, NJ 07416  
201-827-4050

Private

**UCCEL Corporation**

UCCEL Tower, Exchange Park  
6303 Forest Park  
Dallas, TX 75235-5499  
214-353-7100

Gregory J. Liemandt, Chairman  
Public  
Total Sales FYE 12/86: \$141.6m  
Services: Processing, Software, Prof. Serv., Turnkey  
INPUT profile available

**SUBSIDIARIES/DIVISIONS:****Spectrum Training Corporation**

50 Salem Street  
Lynnfield, MA 01940  
617-245-8500

George Haskell, President  
Employees: 70  
Services: Software, Prof. Serv.

**Financial Systems Division**

UCCEL Tower, Exchange Park  
6303 Forest Park  
Dallas, TX 75235-5499  
214-353-7100

Donald L. Steele, Vice President  
Services: Software

**Systems Software Division**

UCCEL Tower, Exchange Park  
6303 Forest Park  
Dallas, TX 75235-5499  
214-353-7100

Peter G. Barris, Vice President  
Services: Software

# CAMS 1987

## Directory of Computer Services Companies

**Ultimate Corp. (The)**

717 Ridgedale Ave.  
 East Hanover, NJ 07936  
 201-887-9222  
 Theodore M. Sabarese, President  
 Public  
 Total Sales FYE 04/86: \$139.9m  
 Services: Turnkey

**Unco Data Systems, Inc.**

P.O. Box 9427  
 Minnetonka, MN 55345  
 612-935-4466  
 John Packard, President  
 Private  
 Total Sales FYE 01/84: \$1.2m  
 Services: Processing, Turnkey

**UNIFORCE**

P.O. Box 1299  
 Princeton, NJ 08540  
 609-466-1666  
 Allan J. Yeast, President  
 Private  
 Total Sales FYE 12/86: \$1.0m Est.  
 Services: Software, Prof. Serv., Turnkey  
 INPUT profile available

**Unify Corporation**

3870 Rosin Court  
 Sacramento, CA 95834  
 916-920-9092  
 Nicholas Nierenberg, President  
 Private  
 Total Sales FYE 12/86: \$10.0m Est.  
 Services: Software  
 INPUT profile available

**Unilogic Ltd.**

Suite 240 Commerce Court  
 4 Station Square  
 Pittsburgh, PA 15219-1119  
 412-281-5959  
 Private  
 Services: Software

**UNIPAC Group, The****SUBSIDIARIES/DIVISIONS:****UNIPAC Service Corporation**

3015 S. Parker Road, Suite 400  
 Aurora, CO 80014  
 303-696-9600  
 John Kern, President  
 Total Sales FYE 11/85: \$20.0m Est.  
 Services: Processing  
 INPUT profile available

**UNIPAC Service Corporation**

See: UNIPAC Group, The

**Unipress Software, Inc.**

2025 Lincoln Highway  
 Edison, NJ 08817  
 201-287-2100  
 Private  
 Services: Software

**Unisoft Systems**

739 Allston  
 Berkeley, CA 94710  
 415-644-1230  
 Robert Ackerman, President  
 Public  
 Employees: 60

**Unisys Corporation**

P.O. Box 500  
 Blue Bell, PA 19424-0024  
 215-542-4011  
 Public

**Unitax, Inc.**

Acquired by: Interactive Financial Services, Inc.

**United Computing Systems Inc.**

10564 Progress Way  
 Cypress, CA 90630  
 714-220-2931  
 Private  
 Total Sales FYE /84: \$0.5m

**United Data Services, Inc.**

See: United Telephone System

**United Education & Software Data Systems**

1805 East Dyer Road, Suite 401  
 Santa Ana, CA 92705  
 714-261-0100  
 Aaron Cohen, President  
 Public  
 Total Sales FYE 01/87: \$37.0m  
 Services: Processing, Software, Turnkey  
 INPUT profile available

**United Mailing, Inc.**

1001 Park Road  
 Chanhassen, MN 55317  
 612-474-4182  
 Leo Reichert, President  
 Private  
 Services: Processing

**United Software Consultants, Inc.**

Acquired by: Computer Task Group, Inc.



# CAMS 1987

## Directory of Computer Services Companies

**United Software Industries, Inc.**

1880 Century Park East  
Century Park, CA 90067  
213-556-2211

Franklin P. Swain, President

Private

Employees: 40

**United Software Security, Inc.**

6867 Elm Street  
McLean, VA 22101  
703-556-0007

Private

Services: Software

**United States Computers Inc.**

8815 S. Tacoma Way  
Tacoma, WA 98499  
206-584-7211

Robert Gerth, President

Private

Total Sales FYE 12/85: \$0.6m

Services: Processing

**United Telecommunications, Inc.**

P.O. Box 11315  
Kansas City, MO 64112  
913-676-3000

William Earey, President

Public

Total Sales FYE 12/86: \$3058.8m

Services: Processing, Software, Turnkey

**SUBSIDIARIES/DIVISIONS:****Information Systems of America, Inc.**

500 NorthRidge Road  
Atlanta, GA 30338  
404-587-6800

James H. Potter, President

Total Sales FYE 12/85: \$18.0m

Services: Software, Prof. Serv.

INPUT profile available

**United Telephone System****SUBSIDIARIES/DIVISIONS:****United Data Services, Inc.**

P.O. Box 7927  
Overland Park, KS  
913-345-6246

Roderick Mark, President

Employees: 625

Services: Processing

**Univair, Inc.**

9024 St. Charles Rock Rd.  
St. Louis, MO 63114  
314-426-1099

Scott Nielsen, President

Private

Total Sales FYE 12/84: \$3.9m

Services: Software

**Universal Custom Products**

801 Avenue B  
San Antonio, TX 78215  
512-225-6551

Private

**Universal Information Systems, Inc.**

S-10 State Highway, No. 17  
Paramus, NJ 07652  
201-845-7444

Theodore Kissell, President

Private

Employees: 75

Services: Processing

**Universal Software Associates, Inc.**

P.O. Box 1484  
Searcy, AK 72143  
501-268-3048

Private

**University Analytics**

1920 Front St., Suite 710  
Durham, NC 27705  
919-383-5585

Steven Maier, President

Private

Employees: 37

**University Software Systems**

See: Agabian Associates

**Urban Data Processing, Inc.**

See: Harte-Hanks Communications, Inc.

**Urban Decision Systems, Inc.**

2032 Armacost Avenue  
Los Angeles, CA 90025  
213-820-8931

Vladimir V. Almendingert, President

Private

Total Sales FYE 04/86: \$5.5m

Services: Processing, Software

**U.S. Administrators**

3540 Wilshire Boulevard  
Los Angeles, CA 90010  
213-383-1100

Sam Kaplan, President

Private

Employees: 765

Services: Processing

# CAMS 1987

## Directory of Computer Services Companies

**Users Incorporated**

1250 Drummers Lane  
Valley Forge, PA 19482  
215-687-9400  
John N. Reardon, President  
Private  
Total Sales FYE 09/86: \$20.0m  
Services: Software

**User Technology Services, Inc.**

Two Strawtown Rd.  
West Nyack, NY 10994  
914-353-3133  
Thomas A. Brewer, President  
Private  
Total Sales FYE 10/84: \$1.5m  
Services: Prof. Serv.

**U.S. Intelco Network, Inc.**

P.O. Box 2909  
Olympia, WA 98507  
206-456-3535  
Ken F. Parsons, President  
Private  
Total Sales FYE 06/86: \$3.5m Est.  
Services: Processing, Software, Prof. Serv.  
INPUT profile available

**U S West, Inc.**

Denver, CO 80237  
Public

**SUBSIDIARIES/DIVISIONS:****Applied Communications, Inc.**

330 South 108th Avenue  
Omaha, NE 68154  
402-390-7600  
George F. Haddix, President  
Total Sales FYE 09/86: \$32.7m  
Services: Software, Prof. Serv.  
INPUT profile available

**U S West Information Systems, Inc.**

Denver, CO 80237

**U S West Information Systems, Inc.**

See: U S West, Inc.

**Utility & Municipal Services, Inc.**

1016 W. Ninty Avenue  
King of Prussia, PA  
215-768-0790  
John A. Condoy  
Private  
Total Sales FYE 12/84: \$10.0m Est.

**Value Software, Inc.**

Acquired by: Computer Associates International, Inc.

**VanAmburg and Associates, Inc.**

4201 Tudor Center Dr., Suite 120  
Anchorage, AL 99508  
907-562-2203  
David VanAmburg, President  
Private  
Employees: 7  
Services: Software, Prof. Serv.

**Vanarsdale Associates, Inc.**

P.O. Box 12841  
Raleigh, NC 27605  
919-851-6917  
Stephen V. Noe, President  
Private  
Employees: 10  
Services: Software

**Vantage Computer Systems, Inc.**

125 Silas Dean Hwy.  
Whethersfield, CT 06109  
203-721-0694  
Robert Maltempo, President  
Private  
Total Sales FYE 12/84: \$10.5m  
Services: Processing, Software, Prof. Serv.

**Vault Corporation**

2649 Townsgate Road, Suite 500  
Westlake Village, CA 91361  
805-496-6602  
W. Krag Brotby, President  
Private

**Ventura Computer Systems**

1411 Kuehner Drive  
Santa Susana, CA 93063  
805-583-8440  
John R. DeGregorio, President  
Private  
Total Sales FYE 12/85: \$0.5m  
Services: Software

**Ventura Software Inc.**

25665 Tierra Grande  
Carmel, CA 93923  
408-625-5998  
John Meyer, President  
Private  
Services: Software

**Vertek, Inc.**

See: InfoCode, Inc.

# CAMS 1987

## Directory of Computer Services Companies

**Vertical Technologies Corporation****SUBSIDIARIES/DIVISIONS:****Backroom Systems Group**

6025A Stitt Street  
P.O. Box 216  
Monroe, NC 28110  
704-289-5474  
Services: Software

**Video Financial**

1020 John St.  
Seattle, WA 98109  
206-682-8482  
Don Vogerik, General Manager  
Private  
Services: Processing

**VideoLog Communications**

50 Washington Street  
Norwalk, CT 06854  
203-838-5700  
Alan Brigh, President  
Private  
Employees: 40  
Services: Processing

**Vidmar Stanley**

See: Stanley Works

**Viking Software Services, Inc.**

2815 E. Shelly Drive  
Tulsa, OK 74105  
918-745-6550  
John Haley, President  
Private  
Total Sales FYE 06/84: \$1.5m Est.  
Services: Processing, Software

**Vinylweld**

2001 W. Hastings  
Chicago, IL 60608  
312-243-0606  
Private

**Virtual Microsystems, Inc.**

See: ROSSDATA Corporation

**Vista Concepts, Inc.**

See: AGS Computers, Inc.

**Vista Data Systems, Inc.**

8961 Ivy Oval  
Cleveland, OH 44133  
216-582-0520  
Michael Vislosky, President  
Private  
Total Sales FYE 05/84: \$3.9m  
Services: Software, Prof. Serv.

**Vitro Corporation**

See: Penn Central Federal Systems Company

**VLi Computer Services, Inc.**

One World Trade Center, Suite 7967  
New York, NY 10048  
212-524-9337  
Anthony C. Vickers, President  
Private  
Employees: 200  
Services: Prof. Serv.

**V Mark Computer**

5A Strathmore Road  
Natick, MA 01760  
617-655-4506  
Private

**V-Mark, Inc.**

14 Mica Lane  
Wellesley Hills, MA 02131  
617-655-4506  
Roger G. Parsons, President  
Private  
Employees: 15

**VM Software, Inc.**

1800 Alexander Bell Drive, Suite 355  
Reston, VA 22091  
703-264-8000  
Richard L. Earnest, President  
Public  
Total Sales FYE 12/86: \$27.0m  
Services: Software  
INPUT profile available

**Vocam Systems, Inc.**

10800 Lyndale Avenue South  
Bloomington, MN 55420  
612-888-4890  
John H. Carter, Vice President Marketing  
Private  
Total Sales FYE 01/86: \$0.1m Est.  
Services: Software, Turnkey

**Volt Delta Resources, Inc.**

See: Volt Information Sciences, Inc.

**Volt Information Sciences, Inc.**

101 Park Avenue  
New York, NY 10178  
212-309-0200  
Private

# CAMS 1987

## Directory of Computer Services Companies

**SUBSIDIARIES/DIVISIONS:****Volt Delta Resources, Inc.**

1133 Avenue of the Americas  
 New York, NY 10036  
 212-944-3900  
 Geraldine Ryan, President  
 Total Sales FYE 10/86: \$19.7m  
 Services: Prof. Serv., Turnkey  
 INPUT profile available

**VSE Corporation**

2550 Huntington Ave.  
 Alexandria, VA 22303  
 703-960-4600  
 John Toomy, President  
 Public  
 Employees: 2300  
 Services: Prof. Serv.

**Wachovia Corporation (The)**

301 N. Main Street  
 Winston-Salem, NC 27101  
 919-770-6662  
 John G. Medlin, Jr., President  
 Public  
 Total Sales FYE 12/84: \$914.4m  
 Services: Processing

**Walker Interactive Products**

100 Spear Street  
 Suite 300  
 San Francisco, CA 94105  
 415-495-8811  
 David Brownlee, President  
 Private  
 Total Sales FYE 12/86: \$10.0m Est.  
 Services: Software, Prof. Serv.  
 INPUT profile available

**Wallaby Software Corporation**

North Franklin Turnpike  
 Ramsey, NJ 07446  
 201-934-9333  
 Frank BiaMonte, President  
 Private  
 Employees: 22  
 Services: Software

**Wall Street Data Services**

See: Bank of New York

**Walter E. Ulrich Consultants**

See: Coopers & Lybrand

**Walters Samson Group HOLLAND****SUBSIDIARIES/DIVISIONS:****Aspen Systems Corporation**

1600 Research Blvd.  
 Rockville, MD 20850  
 212-883-0052  
 Alber Lampert, President  
 Total Sales FYE 12/84: \$52.0m  
 Services: Prof. Serv.

**Wang Information Services Company**

See: Wang Laboratories, Inc.

**Wang Laboratories, Inc.**

One Industrial Avenue  
 Lowell, MA 01850  
 617-459-5000  
 Frederick Wang, President  
 Public

**SUBSIDIARIES/DIVISIONS:****Wang Information Services Company**

One Industrial Avenue  
 Lowell, MA 01851  
 617-459-5000  
 Donald W. Marshall, Director  
 Total Sales FYE 06/86: \$3.5m Est.

**Warner Computer Systems, Inc.**

259 Sedar Lane  
 Teaneck, NJ 07660  
 201-692-9400  
 Harvey Kreiger, President  
 Public  
 Total Sales FYE 10/86: \$10.0m  
 Services: Processing, Software

**Waveform**

1912 Bonita Way  
 Berkeley, CA 94704  
 415-841-9866  
 Private

**Wayne Green Publications Group**

Route 101 & Elm St.  
 Peterborough, NH 03458  
 603-924-7138  
 Private

**WEBB Company**

1999 Shepard Road  
 St. Paul, MN 55116  
 612-690-7323  
 Private

# CAMS 1987

## Directory of Computer Services Companies

**Weekly Reader Family Software**

245 Long Hill Road  
Middletown, CT 06457  
203-347-7251  
Private

**Weidenhammer Systems Corporation**

3 Park Plaza Road North  
Wyomissing, PA 19610  
215-378-1149  
John Weidenhammer, President  
Private  
Total Sales FYE 01/87: \$2.0m Est.  
Services: Prof. Serv.

**Weidner Communications**

40 Skokie Blvd., Suite 300  
Northbrook, IL 60062  
312-564-8122  
Nevil Garrett, President  
Private  
Total Sales FYE 03/85: \$1.7m  
Services: Software, Turnkey

**Welcome Software Technology**

1325 South Dairy Ashford Road, Suite 425  
Houston, TX 77077  
713-558-0514  
Tony Welsh, President  
Private  
Employees: 12  
Services: Software

**Western Computer Services**

33 Niel Avenue  
Livery Square  
Helena, MT 99601  
406-443-5491  
D. Glatz, President  
Private  
Employees: 8  
Services: Software, Prof. Serv.

**Western Data Corporation**

1200 112th N.E.  
Bellevue, WA 98004  
206-453-1540  
Will Russell, President  
Private  
Total Sales FYE 06/86: \$3.0m  
Services: Processing, Software, Prof. Serv.

**Western Data Systems, Inc.**

22120 Clarendon Street  
Woodland Hills, CA 91367-6396  
818-340-4041  
Richard C. Lemons, President  
Private  
Total Sales FYE 12/85: \$4.6m  
Services: Software  
INPUT profile available

**Western Geophysical**

See: Litton Industries, Inc.

**Western Institute of System Engineering**

1191 N.E. 1st Street  
Bellevue, WA 98005  
206-451-0030  
Dr. H. Blair Burner, President  
Private  
Total Sales FYE 01/86: \$1.0m Est.  
Services: Prof. Serv.

**Western Union Corporation**

One Lake Street  
Upper Saddle River, NJ 07458  
201-825-5000  
Robert S. Leventhal, President  
Public  
Total Sales FYE 12/85: \$0.1m

**Westminster Software, Inc.**

700 E. El Camino Real, Suite 360  
Mountain View, CA 94040  
415-968-7400  
Michael Murphy, President  
Private  
Total Sales FYE 03/86: \$0.8m  
Services: Software

**White Hat Systems, Inc.**

43 High St.  
North Andover, MA 01845  
617-794-0078  
Bruno G. Durr, President  
Private  
Employees: 62  
Services: Software

**Whitesmiths, Ltd.**

59 Power Road  
Westford, MA 01886  
617-692-7800  
P.S. Plauger, President  
Private  
Total Sales FYE 12/86: \$3.0m  
Services: Software

**Whittaker Corporation**

10880 Wilshire Blvd.  
Los Angeles, CA 90024  
213-475-9411  
Gregory T. Parkos, President  
Public  
Total Sales FYE 10/86: \$399.1m

# CAMS 1987

## Directory of Computer Services Companies

**Wiland Services**

1426 Pearl Street, #400  
Boulder, CO 80302  
303-449-5347  
Phillip A. Wiland, President  
Public  
Total Sales FYE 12/86: \$20.0m Est.  
Services: Processing

**Wills Van den Burgh, Inc.**

1150 Boyhill Drive, Suite 121  
San Bruno, CA 94066  
415-583-7908  
Wills Van den Burgh, President  
Private  
Total Sales FYE 05/84: \$1.0m Est.  
Services: Software

**Winterhalter & Associates**

3853 Research Park Dr.  
Ann Arbor, MI 48104  
313-662-2002  
Gregory Winterhalter, President  
Public  
Total Sales FYE 04/86: \$1.0m  
Services: Software

**Wismer Associates, Inc.**

Acquired by: SunGard Data Systems, Inc.

**Wold Communications, Inc.**

10880 Wilshire Boulevard  
Los Angeles, CA 90024  
213-474-3500  
Robert N. Wold, President  
Private  
Total Sales FYE 12/85: \$30.0m

**Woelf Software Systems, Inc.**

22048 Sherman Way, Suite 106  
Canoga Park, CA 91303  
818-703-8112  
Private  
Services: Software

**WordPerfect Corporation**

288 West Center Street  
Orem, UT 84057  
801-227-4020  
Bruce Bastian, President  
Private  
Total Sales FYE 12/85: \$23.0m  
Services: Software  
INPUT profile available

**Worlco Data Systems, Inc.**

2435 Blouvard of the Generals  
Valley Forge Business Center  
Norris Town, PA 19403  
215-630-9500  
Edward A. Rofi, President  
Public  
Total Sales FYE 03/86: \$7.8m  
Services: Processing, Prof. Serv., Turnkey

**World Computer Corporation**

985 West Entrana Drive  
Auburn Hill, MI 48057  
313-377-4840  
Donn Schulte, President  
Private  
Total Sales FYE 02/86: \$35.0m  
Services: Turnkey

**Worldwide Chain Store Systems, Ltd.**

One East Wacker Drive, 26th Floor  
Chicago, IL 60601-1901  
312-744-1901  
Charles C. Fitzmorris, President  
Private  
Total Sales FYE 12/85: \$6.0m  
Services: Software  
INPUT profile available

**World Wide Computer Services**

See: General Devices, Inc.

**XA Systems Corporation**

967 University Ave.  
Los Gatos, CA 95030  
408-395-1800  
Marc Fey, President  
Private  
Total Sales FYE 12/85: \$2.2m  
Services: Software

**Xenex Computer Systems, Inc.**

11500 Sunrise Gold Circle, Suite H  
Rancho Cordova, CA 95670  
916-635-8682  
Robert Gray, President  
Public  
Total Sales FYE 11/84: \$1.2m  
Services: Processing

**XenoSoft**

1454 6th Street  
Berkeley, CA 94710-1431  
415-525-3113  
Private  
Services: Software

**Xerox Computer Services**

See: Xerox Corporation

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## Directory of Computer Services Companies

### Xerox Corporation

P.O. Box 1600  
Stamford, CT 06904  
203-329-8700  
David T. Kearns, Chairman  
Public  
Total Sales FYE 12/85: \$8954.5m

#### SUBSIDIARIES/DIVISIONS:

### Xerox Computer Services

5310 Beethoven Street  
Los Angeles, CA 90066  
213-306-4000  
William V. Fello, President  
Total Sales FYE 12/85: \$90.0m Est.  
Services: Processing, Software, Turnkey  
INPUT profile available

### XQ Software

4357 Park Drive  
Norcross, GA 30093  
404-923-2880  
Private

### XRT, Inc.

18 Great Valley Parkway, Suite 150  
Malvern, PA 19355  
215-251-0800  
Dr. R.L. Martino, President  
Private  
Total Sales FYE 03/84: \$1.9m  
Services: Turnkey

### XtraSoft, Inc.

4701 Patrick Henry Drive, Bldg. 21  
Santa Clara, CA 95054  
408-986-9872  
Private  
Services: Software

### XXCAL

11500 Olympic Blvd.  
Los Angeles, CA 90064  
213-477-2902  
Marvin Hoffman, President  
Private

### York Street Software

414 York Street  
Friedencton, E3B 3P7  
506-454-8953  
Private



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### ALABAMA

CS Laboratories, Inc., Auburn  
C & S Systems, Inc., Birmingham  
DYATRON Corporation, Birmingham  
Electronic Processors, Limited (EPL), Birmingham  
Intergraph Corporation, Huntsville  
Micro Craft, Inc., Huntsville  
PSI, Mobile  
Rust International, Birmingham

### ALASKA

Universal Software Associates, Inc., Searcy  
VanAmburg and Associates, Inc., Anchorage

### ARIZONA

Accountants Computer Resources Corporation, Phoenix  
Analog Precision, Inc., Tucson  
Apex Data Systems, Tucson  
Applied Data Systems, Inc., Scottsdale  
Ark Data Systems, Inc., Phoenix  
Bankline, Inc., Phoenix  
Cactus Software, Inc., Peoria  
Computer Graphics of Arizona, Inc., Phoenix  
Diversified Data Systems, Inc., Tucson  
Enercom, Inc., Tempe  
Evans Newton, Inc., Scottsdale  
Evolution Computing, Tempe  
Iconics, Inc., Scottsdale  
Interactive Information Systems, Tucson  
Magnum Computer Corporation, Tucson  
Manufacturers of Integrated Computer Applications, Inc., Tempe  
Metasoft, Chandler  
Mitchell Sweet & Associates, Tempe  
Multi-Systems, Inc., Phoenix  
Pharmaceutical Card Systems, Inc., Scottsdale  
POS Technology, Scottsdale  
Processing Management Systems, Phoenix  
Sendero Corporation, Scottsdale  
Systems By Mica, Tempe  
Transform Logic Corporation, Scottsdale  
TW Technologies, Inc., Phoenix

### ARKANSAS

Advance Data, Jonesboro  
Arkansas Systems, Little Rock  
CCX Network, Inc., Conway  
Data-Tronics Corporation, Fort Smith  
First National Bank In Little Rock, Little Rock  
Systematics, Inc., Little Rock

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3Com Corporation, Mountain View  
Abacus, Inc., San Francisco  
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Addmaster Corporation, Monrovia  
Adobe Systems Incorporated, Palo Alto  
ADPAC Corporation, San Francisco  
ADP Collision Estimating Services, Inc., Hayward  
ADS Systems, Woodland Hills  
Advanced Applications Inc., San Francisco  
Advanced Computer Communications (ACC), Santa Barbara  
Advanced Data Group, Cupertino  
Advanced Data Institute, Inc., Sacramento  
Advanced Data Systems, Inc., Long Beach  
Advanced Ideas, Inc., Berkeley  
Advanced Microsolutions, Menlo Park  
Advanced Systems for Cellular, Irvine  
Advanced Vision Research, Inc., San Jose  
Advent Software, Inc., San Francisco  
A Few Good People, Inc., Whittier  
Affiliated Concepts, Inc., Santa Barbara  
AgData, Gridley  
Aha, Inc., Santa Cruz  
Aion Corporation, Palo Alto  
A.J. & M. Associates, San Jose  
AK, Inc., San Jose  
ALDON Computer Group, Oakland  
Alfred Publishing Co., Inc., Sherman Oaks  
All Type Equipment Leasing, Inc., San Francisco  
Alpha Beta Data Services, Inc., Los Angeles  
Alpha Soft, Torrance  
Amalgamated Software of North America, Inc. (ASNA), Malibu  
Ambridge International, Inc., Santa Monica  
Amcom Data Processing, San Leandro  
American Datacom, Irvine  
American Dynamic Systems & Services, Newport Beach  
American Micro Dynamics, Inc., Newport Beach  
American Training International, Inc., Los Angeles  
Ansa Software, Belmont  
Anthusion, Inc., Venice  
Apollo Computer Systems, Inc., Arcata  
APPINTEC Corporation, Oakland  
Apple Computer, Cupertino  
Application Design & Systems, Inc., Huntington Park  
Application Development Services, Laguna Miguel  
Applications Data Enterprises, Carson  
Applications Software, Inc., Westminster  
Applied Business Systems, Costa Mesa  
Applied Computer Services, Van Nuys  
Applied Data Communications, Tustin  
Applied Data Services, Glendale  
Applied Information Dynamics, Inc., Walnut Creek  
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ATE Associates, Inc., Westlake Village  
Atek Computer Distributors, Sacramento  
ATI, Manhattan Beach  
Attache Software, Mission Viejo  
ATV Systems, Inc., Santa Ana  
Austec, Inc., San Jose  
Autodesk, Inc., Sausalito  
Automated Business Management, Inc., La Canada Flintridge  
Automated Design Centers, Gardena  
Automated Processing & Development Corp., Santa Ana  
Automated Systems Inc., El Segundo  
Automation Consultants, Menlo Park  
Automation Consultants, International, Encino  
Axel Johnson, San Francisco  
Bank of America Business Services, Concord  
BaronData Systems, Inc., San Leandro  
B/D Software Corporation, Costa Mesa  
Benetics Corporation, Mountain View  
Beta Information Systems, Inc., San Rafael  
Binex Corporation, Sacramento  
Bitek, Inc., Long Beach  
Bluebird Systems, Carlsbad  
Blyth Software, San Mateo  
BMDP Statistical Software, Inc., Los Angeles  
BMS Computer, Inc., Walnut Creek  
Boole & Babbage, Inc., Sunnyvale  
Borland International, Scotts Valley  
Bradford Business Systems, Inc., Laguna Hills  
Braegen Corporation, Milpitas  
Braid Communications, San Francisco  
Breakthrough Software Corporation, Novato  
Briareus Corporation, Los Angeles  
Bridge, Inc. (The), Millbrae  
Broderbund Software, Inc., San Rafael  
Budget Timeshare Inc., Marina Del Rey  
Business Library Corporation, Walnut Creek  
Business Systems International, Inc., Canoga Park  
Bytel Corporation, Berkley  
CableData, Sacramento  
CADAM Inc., Burbank  
California Computer Products, Inc. (Calcomp), Anaheim  
California Computer Timesharing, Inc., Chico  
California Interactive Computing, Inc., North Hollywood  
California Software, Inc., Los Angeles  
California Software Products, Inc., Santa Ana  
Calma Company, Milpitas  
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Charles, Mann & Associates, Yucca Valley  
Chase Trans-Info, Inc., San Francisco  
CHI/Culler-Harrison Systems, Inc., Goleta  
Chronicle Videotex, Inc., San Francisco  
Cimarron, Santa Ana  
Cipherlink Corporation, Santa Monica  
City National Information Systems, Los Angeles  
Coastal Information Systems, Inc., Van Nuys  
Cobrasoft, Inc., Hawthorne  
Comarco, Inc., Anaheim  
Command Control & Communication Corp., Torrance  
Command Data Systems, Dublin  
Command Software Systems, Inc., Malibu  
Command Technology Corporation, Oakland  
Communications Solutions, Inc., San Jose  
Comprehensive Software, Redondo Beach  
Compufact, Garden Grove  
Computer Application Services, Inc., Los Alamitos  
Computer Cognition, San Diego  
Computer Curriculum Corporation, Palo Alto  
Computer Development Services, Inc., Glendale  
Computer Input Corporation, Redondo Beach  
Computer Intelligence Corporation, La Jolla  
Computer Interactive Computing, Inc., North Hollywood  
Computerized Lodging Systems, Inc., Long Beach  
Computer Market Services, Anaheim  
Computer Mart, Inc., Waltham  
Computer Modules, Inc., Sunnyvale  
Computer Payroll Company, Santa Clara  
Computer Representatives, Inc., Santa Clara  
Computer Sciences Corporation, El Segundo  
Computer Services Associates, Oakland  
Computer Software Design, Anaheim  
Computer Software for Professionals, Inc., Oakland  
Computer Synergy, Inc., Oakland  
Computer Technology Center, Los Angeles  
Computerware, Encinitas  
Computing Applications Software Technology (CAST), Los Alamitos  
Computing Technicians Corporation, Garden Grove  
Comsul, Ltd., San Francisco  
Conetic Systems, Inc., San Leandro  
Consolidated Information Company, San Francisco  
Consultant Systems, Inc., Santa Barbara  
Context Management Systems, Torrance  
Continental Software Company, Los Angeles  
Convergent Business Systems, Inc., San Jose  
Convergent, Inc., San Jose  
Cordura Corporation, Los Angeles  
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Data Automation, Escondido  
Databill, Inc., Woodland Hills  
Data Control Corporation, Van Nuys  
Datacopy Corporation, Mountain View  
Datacount Corporation, Torrance  
Data Design Associates, Inc., Sunnyvale  
DatagraphiX, Inc., San Diego  
Datalex, Inc., San Francisco  
Datalift Corporation, Berkeley  
Data Processing & Accounting Services, San Francisco  
Data Support Corporation, San Leandro  
Data Systems for Industry, Los Alamitos  
Data Systems, Inc., Canoga Park  
DataTen Corporation, Irvine  
DataTrak, Inc., Mountain View  
Data Works Corporation, San Diego  
David Corporation, San Francisco  
Davidson & Associates, Inc., Rancho Palos Verdes  
Dayflo, Inc., Irvine  
DBSI Information Systems, Laguna Hills  
Decimus Data Service Corporation, San Francisco  
Decision Data Computer Corporation, San Mateo  
Decision Focus, Inc., Palo Alto  
De Faro Software Systems, Inc., Hermosa Beach  
Delphi Information Sciences Corporation, Santa Monica  
Delphi Information Systems, Inc., Westlake Village  
Delphi Systems, Inc., North Hollywood  
DesignWare, San Francisco  
development systems international, Studio City  
DIALOG Information Services, Inc., Palo Alto  
Digital Information Systems Corporation, Ranch Cordova  
Digital Microsystems, Oakland  
Digital Release, Albany  
Digital Research, Inc., Monterey  
Direct, Inc., Santa Clara  
Distributed Planning Systems Corporation, Calabasas  
Double Gold Software, San Jose  
Dr. Dobb's Journal, Menlo Park  
Ducommun Electronics Group, Cypress  
Dylakor, Granada Hills  
ECAD, Inc., Santa Clara  
Economic Science Corporation, Berkeley  
EECO Computer Inc., Santa Ana  
EECO, Incorporated, Santa Ana  
Elite Data Processing, Los Angeles  
Engineered Systems & Development Corporation, San Jose  
Enigma Logic, Concord  
Environmental Systems Research Institute, Redlands  
Equatorial Communications, Mountain View  
Eric Software Publishing, Fresno  
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Fidelity Packaging Corporation, Oakland  
File Net Corporation, Costa Mesa  
Firesign Computer Company, San Francisco  
Flexware, Industry  
F.N. Reality Services, Pasadena  
Foothill Associates, Inc., Upland  
Foothill Research, Inc., Belmont  
Forethought, Inc., Sunnyvale  
Forte Communications, Inc., San Jose  
Forthright Systems, Inc., Sunnyvale  
Fortune Systems Corporation, Belmont  
Four Phase Systems, Cupertino  
Fourth Generation Technology, Inc., La Jolla  
FoxWare Systems Corporation, Irvine  
Franklin Computer Systems, Inc., Glendale  
Franz, Inc., Berkeley  
Fusion Products International, San Rafael  
GAI California, Inc., Torrance  
GASCARD Club, Inc., La Jolla  
Gascard Club Inc., La Jolla  
Gateway Communications, Inc., Irvine  
Geac Computers, Inc., Agoura  
Genoa Systems Corporation, San Jose  
Gentry, Inc., Oakland  
Geometric Data Flow, Inc., Ontario  
GESCO Corporation, Fresno  
Gifford Fong Associates, Lafayette  
GNP Development Corporation, Pasadena  
H & A Computer Systems, Inc., San Francisco  
Hale Systems, Inc., Palo Alto  
Hammer Computer Services, Larkspur  
Harris Business Systems/Services, Rohnert Park  
Health Data Sciences Corporation, San Bernardino  
Helmsman Systems, San Jose  
Heritage Software, Los Angeles  
Hewlett-Packard Company, Palo Alto  
Hollander Associates, Fullerton  
Holm-Dietz Computer Systems, Inc., Fresno  
HowardSoft, San Diego  
Human Edge Software Corp., Palo Alto  
Human Engineered Software, Brisbane  
ICS Group, Torrance  
IEEE Computer Society, Los Alamitos  
Ilex Systems, Inc., Milpitas  
Image Network, Mountain View  
Imedia Corporation, Cupertino  
IMSI, San Rafael  
Individual Software Inc., Foster City  
Inference Corporation, Los Angeles  
Informatics General Corporation, Woodland Hills  
Information Access Co., Belmont  
Information Management International, Palo Alto  
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INFORMIX Software, Inc., Menlo Park  
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Insurnet, Inc., Emeryville  
Integral Systems, Inc., Walnut Creek  
Integrated Automation, Inc., Alameda  
Integrated Business Concepts, Inc., Walnut Creek  
Integrated Computer Technologies, San Mateo  
Integrated Office Systems, Inc., Los Altos  
Integrated Software Systems Corporation (ISSCO), San Diego  
Integrated System, Incorporated, Palo Alto  
Integrated Systems Group, Inc., Glendale  
IntelliCorp, Mountain View  
Interactive Systems Corporation, Santa Monica  
Interlink Computer Sciences, Inc., Fremont  
International Data Applications, Santa Clara  
International Data Services, Inc., Sunnyvale  
International Microcomputer Software, Inc., San Rafael  
Intertec Diversified Systems, Inc., Palo Alto  
Intrak, Inc., San Diego  
IPT Corporation, Palo Alto  
Isaac Fair Companies, San Raphael  
Island Pacific Systems Corporation, Irvine  
Jadtec Computer Group, Orange  
JB Systems, Woodland Hills  
JCA Software, Inc., Irvine  
JIA Management & Consulting Group, Santa Monica  
Kay Consulting, Inc., El Segundo  
Kennen Publishing, Mill Valley  
Key Solutions, Inc., Campbell  
Knox Data, Newhall  
Koala Technologies, Santa Clara  
Koch System, San Francisco  
KOCH Systems Corporation, San Francisco  
Laboratory Microsystems, Inc., Marian del Rey  
Lake Avenue Software, Pasadena  
Lattice Logic USA, Santa Clara  
Learning Company (The), Menlo Park  
Lewis Lee Corporation, Palo Alto  
Lexisoft, Inc., Davis  
Lifetree Software, Inc., Monterey  
Litton Computer Services, Woodland Hills  
Living Videotext, Inc., Mountain View  
Lockheed Corporation, Calabasas  
Lockheed DataPlan, Inc., Los Gatos  
Logical Data Management, Covina  
Logicon, Inc., Torrance  
Logisticon, Santa Clara  
M/A/R/C Software International, Inc., Palo Alto  
MacNeal-Schwendler Corporation (The), Los Angeles  
Madic Corporation, Santa Clara  
Main Street Software, Sausalito  
Manufacturing and Consulting Services, Inc., Irvine  
Mariposa Corporation, Sausalito  
Marshall & Stevens, Inc., Los Angeles  
Martin and Stern, Inc., Hermos Beach  
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mbp Software And Systems Technology, Oakland  
MCBA, Inc., Glendale  
McDonnell Douglas Computer Systems Co., Irvine  
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McDonnell Douglas Payment Systems Co., Cupertino  
MCRB Software, North Hollywood  
MC Software, Inc., Davis  
MDR Systems, Inc., San Mateo  
Megatek Corporation, San Diego  
Memory Media, Irvine  
Memron, Inc., San Jose  
Menlo Business Systems, Inc., Los Altos  
Menlo Corporation, Santa Clara  
Metaphor Computer Systems, Inc., Mountain View  
Metro Bank, Los Angeles  
Micro Courseware Corporation, San Francisco  
Micro D, Inc., Santa Ana  
Micro-Focus, Inc., Palo Alto  
Micro-MRP, Inc., Foster City  
MicroPro International Corporation, San Rafael  
Micro Resources, Inc., Novato  
Micro-Tax, Woodland Hills  
Microtec Research, Inc., Santa Clara  
Mind Work Software, Carmel  
Mini Data Systems Corp., El Segundo  
Minimax Research Corporation, Berkeley  
Mispco, Inc., Del Mar  
Mitec Computer Business Systems Corporation, Woodland Hills  
Modtec International, Redwood City  
Molecular Design, Ltd., San Leandro  
MoneyCare, Inc., Mountain View  
Mossland Technology, Gilroy  
Motorola Computer Systems, Cupertino  
Mountain Computer, Inc., Scotts Valley  
Mouse Systems Corporation, Santa Clara  
Mt. Xiru, Berkeley  
MWL Incorporated, Westlake Village  
Nantucket Corporation, Culver City  
National Decision Systems, Inc., Encinitas  
National Info Systems, Inc., Cupertino  
National Language Products, Berkeley  
NCA Corporation, Santa Clara  
Network Innovations Corporation, Cupertino  
Network Research Corporation, Santa Monica  
Network Software Associates, Inc., Laguna Hills  
New Generation Software, Inc., Sacramento  
Newport-West Data Services, Inc., Santa Clara  
New Venture/Ketchum Communications, Sunnyvale  
NFP Management Systems, Foster City  
Nichols & Company, Inc., Culver City  
North Bay Systems, Inc., Sausalito  
OCTAL Inc., Mountain View  
Octel Communications Corporation, San Jose  
Odin Data Systems, Inc., San Francisco  
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Pacific Data Services Company, Bellflower  
Pacific Data Systems, Milpitas  
Pacific Western Bancshares, San Jose  
Pacific Western Information Systems, San Jose  
Paperback Software International, Berkeley  
Paragon Technology Corporation, Pleasant Hill  
Paramis, Inc., Irvine  
Pay-Fone Systems, Inc., West Los Angeles  
Payroll Company, Inc. (The), San Francisco  
PBL Associates, Point Richmond  
PC + Products, Milpitas  
PC World Communications Inc., San Francisco  
PDA Engineering, Santa Clara  
Perceptronics, Inc., Woodland Hills  
Peregrine Systems, Inc., Irvine  
Personal CAD Systems, Inc., San Jose  
Pertaine Systems, Inc., Redwood City  
Phase One Systems, Inc., San Leandro  
Phaser Systems, Inc., San Francisco  
Phoenix Computer Corp., El Segundo  
Pick Systems, Irvine  
Planning Control International, Inc., Newport Beach  
PMB Systems Engineering Inc., San Francisco  
Point 4 Data Corporation, Tustin  
Premier Systems Inc., San Francisco  
Pro Computer Sciences Inc., Laguna Hills  
Pro Data Systems, Inc., Belmont  
Professional Hospital Services, Los Angeles  
Proforma Software, Costa Mesa  
Pro-IV, Laguna Hills  
Promedics, Palo Alto  
Promod, Inc., Laguna Hills  
Proprietary Computer Systems, Van Nuys  
Proprietary Software Systems, Inc., Santa Monica  
Proto Systems, Berkeley  
Psycomp Selfheld Software, Woodland Hills  
Pyramid Data, Ltd., Santa Ana  
Quadratron Systems, Sherman Oaks  
Quadrex Computer Systems, Inc., Campbell  
Quest, Inc., Novato  
Quintus Computer Systems, Inc., Mountain View  
Quotron Systems, Inc., Los Angeles  
R01-Teknekron Financial Systems, Berkeley  
Racal-Vedac, Inc., Milpitas  
Radford Associates, Inc., Santa Clara  
Rand Information Systems, Inc., Alameda  
Rational, Inc., Mountain View  
Real-Comp, Inc., Cupertino  
Real-Time Computer Science Corporation, Camarillo  
Realty Automation Inc., Rowland Heights  
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Relational Technology, Inc., Alameda

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Ryan-McFarland Corporation, Rolling Hills Estates  
SAFECO Title Insurance, Panorama City  
Santa Cruz Operation, Inc., Santa Cruz  
Santiago Data Systems, Inc., Orange  
Saratoga Data Services, San Jose  
SAZTEC International, Inc., Rolling Hills Estates  
SBT Corporation, Sunnyvale  
Schuchardt Software Systems, Inc., San Rafael  
Science Applications International Corporation, La Jolla  
S-Cubed, La Jolla  
SDAC, Fountains Valley  
SDG Decision Systems, Menlo Park  
SDI, San Mateo  
Security Pacific Corporation, Los Angeles  
Security Pacific Information Services, Inc., San Diego  
Selanar Corporation, Santa Clara  
Sensible Designs, San Diego  
Sierra On-Line, Inc., Coarsegold  
Sigma Systems, Inc., Los Angeles  
Signal Technology, Inc., Goleta  
Silicon Graphics, Mountain View  
Silvar-Lisco, Menlo Park  
Simpact Associates, Inc., San Diego  
Smith, Dennis & Gaylord, Santa Clara  
Softkat, Van Nuys  
Softool Corporation, Goleta  
Soft Pro Systems, Richmond  
Softsel Computer Products, Inc., Inglewood  
Softsmith Corporation, San Leandro  
Software Academy, Inc., Spring Valley  
Software Alliance Corporation, Berkeley  
Software Factory (The), Campbell  
Software Information Services, Inc., Thousand Oaks  
Software Ireland Representatives, Inc., Laguna Niguel  
Software Models, Crestline  
Software Publishing Corporation, Mountain View  
Software Pursuits, Inc., Alameda  
Software Research, San Francisco  
Software Techniques, Inc., Cypress  
Softyme, San Francisco  
Solutionware Corporation, Sunnyvale  
Source-2, Santa Clara  
Speech Systems, Inc., Tarzana  
SRW Computer Components, Fountain Valley  
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Stone & Associates, La Jolla  
Strategic Decisions Group, Menlo Park  
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Studio Software Corporation, Irvine  
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Syntelligence, Inc., Sunnyvale  
Sysorex International, Inc., Cupertino  
Systar Corporation, San Jose  
System Integrators, Inc., Sacramento  
Systems Control, Inc., Palo Alto  
Systems Plus, Inc., Mountain View  
Systems & Software, Costa Mesa  
Systonetics, Inc., Fullerton  
Tandem Computers Incorporated, Cupertino  
Tasvir Corporation, Mountain View  
Technicall, Redwood City  
Teknekon Financial Systems, Berkeley  
Teknowledge, Inc., Palo Alto  
Telecredit, Inc., Los Angeles  
Telesoft, San Diego  
Telos Corporation, Santa Monica  
TENERA, LP, Berkeley  
Teradata Corporation, Los Angeles  
Tesseract Corporation, San Francisco  
Texor Corporation, Mountain View  
Thermeon Corporation, Tustin  
Three D Graphics, Pacific Palisades  
Titan Systems, Inc., San Diego  
T/Maker Company, Mountain View  
Tone Software Corporation, Anaheim  
Tower Systems, Inc., Costa Mesa  
Training Company (The), San Francisco  
Trans Tech Services, Inc., Pleasanton  
TRAX Software Inc., Los Angeles  
Triad Systems Corporation, Sunnyvale  
Triangle Software Company, San Jose  
Trutec Software, Berkeley  
TRW Information Services, Orange  
TRW System Development, Redondo Beach  
Turner Hall Publishing, Cupertino  
Unify Corporation, Sacramento  
Unisoft Systems, Berkeley  
United Computing Systems Inc., Cypress  
United Education & Software Data Systems, Santa Ana  
United Software Industries, Inc., Century Park  
Urban Decision Systems, Inc., Los Angeles  
U.S. Administrators, Los Angeles  
Vault Corporation, Westlake Village  
Ventura Computer Systems, Santa Susana  
Ventura Software Inc., Carmel  
Virtual Microsystems, Inc., Berkeley  
Walker Interactive Products, San Francisco  
Waveform, Berkeley  
Western Data Systems, Inc., Woodland Hills  
Westminster Software, Inc., Mountain View  
Wills Van den Burgh, Inc., San Bruno  
Wisner Associates, Inc., Canoga Park

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### CALIFORNIA

Wold Communications, Inc., Los Angeles  
Woolf Software Systems, Inc., Canoga Park  
XA Systems Corporation, Los Gatos  
Xenex Computer Systems, Inc., Rancho Cordova  
XenoSoft, Berkeley  
Xerox Computer Services, Los Angeles  
XtraSoft, Inc., Santa Clara  
XXCAL, Los Angeles  
ZeroOne Systems, Inc., Santa Clara  
Zimmerman Holdings, Inc., San Marino  
Zytron Corporation, Menlo Park

### COLORADO

3CI, Fort Collins  
Analytical Processes Corporation, Montrose  
Anderson-Bell Co., Canon City  
Automated Quill, Inc., Englewood  
Auto-Trol Technology Corp., Denver  
Aviation Information Services, Inc., Golden  
Berger & Company Information Management Consultants, Denver  
Butler Computer Graphics, Denver  
Cadnetix Corporation, Boulder  
Champion Software, Lakewood  
Cibar, Inc., Colorado Springs  
Computercraft Services, Inc., Denver  
Data Law Company, Englewood  
Direct Aid, Boulder  
EBS Data Processing Inc., Englewood  
Electronic Catalog, Inc., Colorado Springs  
Emerging Technology Consultants, Inc., Boulder  
FFMC - Thrift Services Division, Englewood  
Gemini Information Systems, Englewood  
Global-Ultimac Systems, Inc., Boulder  
Hathaway Corporation, Broomfield  
Integrated Management Systems, Englewood  
Interactive System Corporation, Littleton  
J.D. Edwards & Company, Denver  
Mainstay Software, Denver  
Management Design, Inc., Aurora  
McDonnell Douglas Communications Industry Systems Co., Denver  
Micro Decisionware, Boulder  
Minicomputer Systems Incorporated (MSI), Boulder  
National Demographics & Lifestyles, Inc., Denver  
Neodata Services, Louisville  
Oil-Tronix, Ltd., Denver  
Petroleum Information Corporation, Littleton  
PHH Aviation Systems, Inc., Golden  
Pinnacle Software Systems, Inc., Fort Collins  
Precision Visuals, Inc., Boulder  
Public Systems Associates, Inc., Denver  
Redi/Multi-List, Inc., Lakewood  
Reference Technology Inc., Boulder  
ROCI, Inc., Lakewood  
Scientific Software - Intercomp, Denver  
SDD, Inc., Boulder  
Sigma Design, Inc., Englewood  
Softronics, Inc., Colorado Springs  
Spectrum Human Resource Systems Corporation, Denver

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### COLORADO

Standard & Poor's Compustat Services, Inc., Englewood  
Symbolics, Inc., Lakewood  
Target Technologies, Norwalk  
UNIPAC Service Corporation, Aurora  
Wiland Services, Boulder

### CONNECTICUT

3M Media Services, Inc., Stamford  
Accounting Systems Corporation, Branford  
Adesse Corporation (The), Danbury  
ADP Comtrend Division, Stanford  
Advanced Data Technologies, Inc., Glastonbury  
ADVO-System, Inc., Hartford  
AM Data Services, New Haven  
Analysis & Programming Corp., Greenwich  
Analysis & Technology, Inc., North Stouington  
Andrew Bellinghieri Associates, Middletown  
Andrews, Duerr & Mantighian, Cheshire  
APL Group, Inc. (The), New Canaan  
Applied Data, Inc. (ADI), North Haven  
Automating Peripherals, Inc., Hartford  
AutoScript, Inc., Bloomfield  
Benefit Administration Systems, Inc., Norwalk  
Bunker Ramo Information Systems, Shelton  
Canaan Computer Corporation, Trumbull  
Citicorp Information Resources, Greenwich  
Cognitive Systems, Inc., New Haven  
Comp-U-Card International, Inc., Stamford  
Computech, Glastonbury  
Computer Applications, Inc., New Haven  
Computer Assistance International, Inc., Hartford  
Computer Covenant Corporation, Farmington  
Computer Processing Institute, Inc., E. Hartford  
Computer & Software Education Company, Weston  
Dagar/Software Development Corp., Bethany  
Data Base Management, Inc., Stamford  
DataEase International, Inc., Trumbull  
DataLine Corporation, Wilton  
Data Systems, Inc., Danbury  
D&B Computing Services, Inc., Wilton  
Decision Resources, Inc., Westport  
Distribution Management Systems, Inc., Milford  
DunsPlus, Inc., Wilton  
FBC, Inc., Naugatuck  
Focus Research Systems, Inc., W. Hartford  
Gerber Garment Technology Inc., Tolland  
Gerber Scientific, Inc., South Windsor  
Gerber Scientific Instrument Company, South Windsor  
Gerber Scientific Products, Inc., Manchester  
Gerber Systems Technology, Inc., South Windsor  
GTE Corporation, Stamford  
Health Systems International, Inc., New Haven  
IBM Information Network, Milford  
Information Analysis Systems Corporation, W. Willington  
Information Design, Inc., Madison  
Information Strategies, Inc. (ISI), Orange  
Information Systems, Inc., Bristol  
Intellectual Software, Bridgeport

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### CONNECTICUT

Intelligent Business Systems, Inc., New Haven  
Interactive Learning, Greenwich  
Marine Management Systems, Inc., Stamford  
Multimate International, East Hartford  
National Business Systems, Inc., Avon  
National Distributor Systems, Stratford  
Non-Procedural Systems, Inc., Westport  
Optionware, Inc., Bloomfield  
Organization Change Associates, Inc., Bloomfield  
Productivity Products International, Sandy Hook  
Program Science, Inc. (PSI), Ridgefield  
Quality Data Systems, Inc., Old Lyme  
Quodata Corporation, Hartford  
Robert E. Nolan Company, Inc., Simsbury  
Sonecor Systems, New Haven  
Stanley Works, New Britain  
Structured Computer Systems, Inc., Farmington  
Summagraphics Corporation, Farefield  
Technology Consulting Corporation, Avon  
T K Data Solutions, Plantsville  
Vantage Computer Systems, Inc., Whethersfield  
VideoLog Communications, Norwalk  
Weekly Reader Family Software, Middleton

### FLORIDA

Accurate Key punch Service, Inc., Miami  
ADAPT, Nokomis  
Administrative Information Systems, Inc., Ft. Lauderdale  
Advanced Computer Concepts, Inc., Sarasota  
Adventure International, Longwood  
Applied Software Inc., North Palm Beach  
Armor Systems, Inc., Maitland  
Automation Intelligence, Inc., Orlando  
Automotive Computer Group, Clearwater  
Auxton Computer Enterprises, Inc., Maitland  
Barkett Computer Services Inc., Miami  
BST Consultants, Inc., Tampa  
BUC International Corp., Fort Lauderdale  
Business Computer Solutions, Inc., Miami  
CASI, Boca Raton  
Center for Computer Systems, Inc. (The), Winter Park  
CLAR-TEC Financial Systems, Inc., Tallahassee  
Collier - Jackson, Inc., Tampa  
Computerized Business Systems, Miami  
Computer Power, Inc., Jacksonville  
Concord Management Systems, Inc., Tampa  
Consulting Team Inc., West Palm Beach  
Corbel & Co., Jacksonville  
Credit Card Software, Inc., Maitland  
Cybernetics & Systems, Inc., Jacksonville  
Data Access Corporation, Miami  
Data Flow, Inc., St. Petersburg  
Data Systems Of North Florida, Inc., Gainesville  
DBA Systems, Inc., Melbourne  
DecisionWare, Inc., Sarasota  
Deeresoft, Inc., Melbourne  
Digital Systems, Inc., Pensacola  
Dynamic Control Corporation, Longwood



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### FLORIDA

Facts & Management Systems, Inc., Miami  
FDP Corporation, Miami  
First Financial Planner Services, Inc., Ft. Lauderdale  
Fischer Innis Systems Corporation, Naples  
Fleet Management Systems, Inc., West Palm Beach  
Florida Computer Graphics, Lake Mary  
Florida Software Services, Inc., Altamonte Springs  
Harvey Software, Fort Nyers  
Hawkeye Grafix, Clearwater  
Hurricane Systems, Inc., Altamonte Springs  
Information Management Services, South Dayton  
Information Processing, Inc., Altamonte Springs  
J.K. Financial Solutions, Inc., St. Petersburg  
Kirchman Corporation (The), Altamonte  
Knight-Ridder, Inc., Miami  
List, Vero Beach  
Logical Data Corporation, Palm Bay  
Martee Corporation, St. Petersburg  
M. Bryce and Associates, Inc., Palm Harbor  
MC2 Engineering Software, Miami  
Medical Engineering, Inc., Ft. Myers  
Micro-Systems Software, Inc., Boca Raton  
Modular Information Systems, Inc., Orlando  
Mycroft Labs, Inc., Tallahassee  
National Bancard Corporation, Pompono Beach  
Navic Software, Palm Beach  
Oak Software, Clearwater  
Professional Computer Solutions, Inc., Jacksonville  
Real Estate Data, Miami  
Reflectone, Inc., Tampa  
Reflectone Media Systems, Inc., Tampa  
Reflectone Training Systems, Inc., Tampa  
Scientific Systems Services, Inc. (SSS), Melbourne  
Seaside Software Inc., Perry  
Softstar, Juno Beach  
Software Services of Florida, St. Petersburg  
Systeme Corporation, Orlando  
Systems Coordination, Inc., Crystal River  
Thoughtware, Inc., Coconut Grove

### GEORGIA

ADP National Accounts Division, Atlanta  
Advanced Business Systems, Inc., Montezuma  
Advanced Technology Systems, Inc. (ADTEC), Norcross  
Allied Insurance Services, Inc., Norcross  
American Automated, Atlanta  
American Software, Inc., Atlanta  
Assoc. of Media-based Continuing Educ. for Engineers - AMCEE, Atlanta  
Atlanta Data Processing Service, Marietta  
Atlantic Computing Corporation, Atlanta  
Audichron Company (The), Atlanta  
Brock Control Systems, Inc., Atlanta  
Business Software, Inc., Atlanta  
Buypass, Atlanta  
Caetec Software, Inc., Atlanta  
Catronix Corporation, Atlanta  
CMD Systems International, Inc., Atlanta  
COIN Financial Systems, Norcross

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Compro Financial Systems, Inc., Norcross  
Computer Generation, Inc., Atlanta  
Computone Systems Incorporated, Atlanta  
Comsell, Inc., Atlanta  
Construction Data Control, Inc., Norcross  
Consultec, Atlanta  
Contel Corporation, Atlanta  
Contel Data Services Corporation, Atlanta  
Digital Communications Associates, Inc., Alpharetta  
Dyer, Wells and Associates, Inc., Smyrna  
Equifax Inc., Atlanta  
Equifax Services Inc., Atlanta  
Excalibur Sources, Inc., Atlanta  
Executive Data Systems, Inc., Atlanta  
First Financial Management Corporation, Atlanta  
Fisher Business Systems, Atlanta  
GCA Communications, Roswell  
GMD Systems International, Inc., Atlanta  
Hayes Microcomputer Products, Norcross  
HBO & Company, Atlanta  
Information Systems of America, Inc., Atlanta  
Interactive Financial Services, Inc., Atlanta  
KnowledgeWare, Inc., Atlanta  
Leadtrack Services, Roswell  
Magee Enterprises, Norcross  
Management Cybernetics International (MCI), Atlanta  
Management Science America, Inc., Atlanta  
MDSC, Inc., Atlanta  
Mentis Corporation, Atlanta  
MOM Corporation (The), Atlanta  
Morrell Systems Corporation, Atlanta  
National Data Corporation, Atlanta  
Ordertrack Corporation, Atlanta  
Petro Minerals Corporation, Atlanta  
Samna Corp., Atlanta  
Software Concepts, Atlanta  
Software Link, Inc. (The), Atlanta  
Southern Electric International, Inc., Atlanta  
Stockholder Systems, Inc., Norcross  
Tarkenton Software, Inc., Atlanta  
Technicon Data Systems Corporation, Atlanta  
Total System Services, Inc., Columbus  
XQ Software, Norcross

### HAWAII

COMPUTAB, Inc., Honolulu  
Frontline Software, Inc., Kihei, Maui  
Hansen Management Systems, Inc., Kilhei

### IDAHO

Boise Cascade Computing, Boise  
Decision Point, Inc., Boise  
Energy, Inc., Idaho Falls  
Execucomp, Inc., Indianapolis  
Learned-Mahn, Inc., Boise  
Prodata Inc., Boise

### ILLINOIS

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### ILLINOIS

ABACUS Data Systems, Des Plaines  
ABS Associates, Inc., Arlington Heights  
Access Telecommunications Corporation, Downers Grove  
Accountants Computer Network, Inc., La Grange  
A.C. Nielsen Company, Northbrook  
ADP Dealer Services Division, Schaumburg  
Advanced Business Computing, Parkridge  
Advanced System Applications, Inc., Bloomingdale  
Advanced Systems, Inc., Arlington Heights  
Advent On-line Knowledge, Inc., Schaumburg  
Adwest Corporation, Chicago  
Albert Ramond and Associates, Rolling Meadows  
Alcar Software, Skokie  
Alumni Computer Group, Inc., Chicago  
Amaray Packaging Corporation, St. Charles  
Amer-Cal, Inc., Arlington Heights  
American Franklin Company, Springfield  
American Hospital Supply Corp., Evanston  
American Information Services, Inc., Chicago Heights  
American Micro Systems Corporation, Chicago  
Amherst Associates Inc., Chicago  
Application Research, Rockford  
Applied Computer Services, Inc., Palos Heights  
Applied Information Development, Inc., Oak Brook  
Arthur Andersen & Company, Chicago  
Arthur Andersen Management Information Consulting, Chicago  
A.T. Kearney, Chicago  
ATM Network Management Corporation, Downers Grove  
Autovative Computer Extensions, Inc., Naperville  
Bakco Data, Inc., Deerfield  
Benton, Schneider & Associates, Naperville  
Betacom, Inc., Arlington Heights  
BICC Systems, Inc., Chicago  
Blackhawk Data Corporation, Chicago  
Brokerage Systems, Inc., Chicago  
Bruning CAD, Itasca  
Business Computer Design, Inc., Oak Brook  
Business Equipment House, Inc., Chicago  
Business Model Systems, Inc., Oakbrook  
Business Systems, Inc., Westchester  
Byad, Inc., Arlington Heights  
Cad Design Systems, Inc. (CDSI), Schaumburg  
CADLINC, Inc., Elk Grove Village  
CAPSCO Software International, Lombard  
CARA Corporation, Lombard  
Care Information Systems, Inc., Springfield  
CDI Systems, Inc., Oak Brook  
Cellular Pay Phone, Inc., Chicago  
Certified Collateral Corporation, Chicago  
Chain Store Systems, Ltd., Chicago  
Chicago-Soft, Ltd., Chicago  
CHI/COR Information Management, Inc., Chicago  
Christensen Computer Company, Inc., Northbrook  
Circle Computer Services, Schaumburg  
Code Writer, Niles  
Commercial Resources, Naperville  
Commercial Systems Laboratories, Inc., Auburn  
Computer Innovations, Chicago

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### ILLINOIS

Computerized Forms Management, Inc., Elmhurst  
Computer Technology Group, Chicago  
Consumer Systems Corporation, Lombard Grove  
Contrax Systems, Inc., Arlington Heights  
Cyborg Systems, Inc., Chicago  
Database Technology Corporation, Lake Bluff  
Datagroup, Ltd., Lincolnwood  
Datalogics, Chicago  
Data Mension, Northbrook  
Data-Tax, Inc., Naperville  
DBMS, Inc., Naperville  
Deltak, Naperville  
Distribution Sciences, Inc., Des Plaines  
Esca, Inc., Chicago  
Financial Technology, Inc., Chicago  
First Chicago Data Corporation, Chicago  
Friedman & Associates, Deerfield  
General Looseleaf Bindery Company, Chicago  
General Optimization Inc., Chicago  
Generated Systems, Inc., Wheaton  
Global Data Corporation, Oak Forest  
Global Information Systems Technology, Inc., Champaign  
IDC Services, Inc., Chicago  
Indecon Inc., Chicago  
Information Resources, Inc., Chicago  
Integrated Business Systems, Springfield  
Interactive Software Systems, Inc., Chicago  
Internet Systems Corporation, Chicago  
James H. Lowry & Associates, Chicago  
J. Baker & Associates Inc., Chicago  
Key Software, Inc., Des Plaines  
Kleinschmidt, Deerfield  
Levi, Ray & Shoup, Inc., Springheld  
Life Insurance Data Processing (LIDP Consulting Services), Woodridge  
LPC, Inc., Glen Ellyn  
LPC, Inc., Glen Ellyn  
Lynch Data Processing, Cary  
Marketing Information Systems, Inc., Evanston  
Mark Williams Company, Chicago  
Marmon Industrial Corporation, Chicago  
Martek, Inc., West Mont  
May & Speh Processing Center, Inc., Oak Brook Terrace  
Media Computing Corporation, Lombard  
Medicus Systems Corporation, Evanston  
Mediflex Systems Corporation, Evanston  
Michaels, Ross & Cole, Ltd., Oak Brook  
Microsystems Engineering Corporation, Hoffman Estates  
Mid-America Information Systems, Inc., Oak Brook  
Mindscape, Northbrook  
MVC Associates, Inc., Lake Bluff  
National Computer Syndicate, Wheeling  
Network Consultants, Inc., Chicago  
Newtrend Group, Ltd. (The), Oak Brook  
Nims Associates, Inc., Decatur  
Nortridge Software, Inc., Freeport  
Numeridex, Inc., Wheeling  
ODESTA Corporation, Northbrook  
Outlook Software, Inc., Schaumburg

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### ILLINOIS

Pansophic Systems, Inc., Oakbrook  
PC Quote, Inc., Chicago  
Peat, Marwick, Mitchell & Company, Chicago  
Penguin Software, Geneva  
Phoenix Data Processing, Lisle  
Phoenix-Hecht Incorporated, Northfield  
Planmetrics, Inc., Chicago  
Productive Computer Systems, Inc., Chicago  
Professional Computer Resources, Inc., Oak Brook  
Pryor Corporation, Bensenville  
Psychotechnics, Inc., Glenview  
Quality Systems Corporation, Chicago  
Quality Systems Development Corporation, Chicago  
Rand McNally and Co., Skokie  
Robert F. White & Company, Chicago  
Robert J. Kearns, Inc., Montgomery  
Scheduling Corporation of America, Oakbrook  
Science Research Associates, Inc., Chicago  
Scientific Information Retrieval, Inc., Skokie  
SEI Information Technology, Chicago  
Sentry Data, Inc., Northbrook  
Shales & Young Information Systems, Inc., Chicago  
SIR, Inc., Deerfield  
SKK, Inc., Rosemont  
Softa Group, Inc. (The), Northbrook  
SPSS, Inc., Chicago  
Standard Rate & Data Service, Inc., Wilmette  
Statistical Tabulating Corporation, Chicago  
Sublogic Corp., Champaign  
SuperSoft, Inc., Champaign  
Systems Management, Inc., Rosemont  
Systems & Programming Resources, Inc., Oakbrook  
Systems Software Associates, Inc., Chicago  
Telecom Consultants Groups, Inc., Chicago  
Tenman Systems, Inc., Del Plaines  
Thomas L. Jacobs & Associates, Chicago  
Treasury Strategies, Inc., Chicago  
Vinylweld, Chicago  
Weidner Communications, Northbrook  
Worldwide Chain Store Systems, Ltd., Chicago  
Zylab Corporation, Chicago

### INDIANA

Anacomp, Inc., Indianapolis  
Applied Computing Devices (ACD), Terre Haute  
Arvin Industries, Inc., Columbus  
Business Information Systems, Inc., Fort Wayne  
Computerized Management Decisions, Inc., Indianapolis  
Datalink Systems, Inc., South Bend  
Data Processing Services, Inc., Indianapolis  
Eden Systems Corporation, Carmel  
EWDP Software, Inc., Indianapolis  
GTE EFT Services, Inc., Carmel  
Harvest Computer Systems, Alexandria  
Master Software Corporation, Indianapolis  
Medical Management Systems, Inc., Fort Wayne  
Micro Data Base Systems, Inc., Lafayette  
Packaged Automated Life/Liability Management Inc. (PALLM), Indianapolis

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### INDIANA

PALLM, Inc., Indianapolis  
RANAC Computer Corporation, Carmel

### IOWA

ASI Computer Systems, Inc., Waterloo  
Banks of Iowa,  
Banks of Iowa Computer Services, Inc., Cedar Rapids  
CyCare Systems, Inc., Dubuque  
Network Data Processing Corporation, Cedar Rapids  
Norwest Information Services, Inc., Des Moines  
PLS Company, Cedar Rapids  
TLS Company, Cedar Rapids

### KANSAS

Applied Business Systems, Inc., Wichita  
Automated Systems Consultants, Inc. (ASCI), Shawnee  
Basic Solutions, Sedgwick  
Business Information Services, Leawood  
Creative Data Systems, Overland Park  
Eagle Software, Inc., Salina  
Foresight Resources Corp., Lawrence  
Innovative Software, Inc., Lenexa  
Insurance Sales Systems, Merriam  
International Micro-Systems, Inc., Shawnee Mission  
Marketing Communications, Inc., Lenexa  
SDMI, Prairie Village  
Tallgrass Technologies Corporation, Overland Park  
United Data Services, Inc., Overland Park

### KENTUCKY

A.L. Roark and Associates, Inc., Lexington  
Amcor Computer Corporation, Louisville  
Ashland Automation Services, Inc., Lexington  
Bellwether Corporation, Louisville  
Bloodstock Research, Inc., Lexington  
Computer Services, Inc., Paduch  
Erwin Software Company, Louisville  
First National Bank Of Louisville, Louisville  
Key Systems, Inc., Louisville  
Mentor Systems, Inc., Lexington

### LOUISIANA

Applied Realtime Systems, Inc., Mandeville  
Babcock & Wilcox Co., New Orleans  
Bancroft Computer Systems, West Monroe  
Bilyeu Systems, Inc., Harvey  
Blast (Communications Research Group), Baton Rouge  
Computer Library, New Orleans  
DARCOR, Metairie  
Data Processing Center, Inc., New Orleans  
Executive Automated Systems, Kenner  
Fifth Generation Systems, Baton Rouge  
High Tech Communications, Metairie  
Picayune Publishing, New Orleans  
Source EDP, New Orleans

### MAINE

ASC Computer Systems, Portland

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### MAINE

Systems Assurance Corporation, Yarmouth

### MARYLAND

Actuarial Computer Technology, Inc., Bethesda  
Advanced Healthcare Systems, Inc., Bethesda  
Aid Data Systems, Inc., Millersville  
Applied Management Sciences, Silver Springs  
Aspen Systems Corporation, Rockville  
Authorization Systems Inc., Rockville  
Automated Business Systems And Services, Riverdale  
Automated Science Group, Inc., Silver Springs  
Automation Counselors, Inc., Frederick  
Balance Computer Corporation, Baltimore  
Benefacts, Inc., Baltimore  
Berul Associates, Ltd., Rockville  
Bidnet, Rockville  
B.K. Dynamics, Rockville  
Calculon (U.S.) Corporation, Rockville  
Capital Systems Group, Inc., Rockville  
Comp-u-Staff, Inc., Towson  
Computer Data Systems, Inc., Rockville  
Cordatum, Inc., Bethesda  
Creative Processing Systems, Capitol Heights  
Data Processing Support Corporation, Towson  
Designed Applications, Columbia  
Dialcom, Inc., Rockville  
DirecTech, Inc., Rockville  
DISC, Inc., Baltimore  
Disclosure, Bethesda  
Display Data Corporation, Hunt Valley  
EDI, Inc., Gaithersburg  
Executive Systems, Inc., Bethesda  
GEISCO, Rockville  
Genasys Corporation, Rockville  
General Communications, Inc., Kensington  
General Electric Information Services Company, Rockville  
General Physics Corporation, Columbus  
Global Health Systems, Inc., Rockville  
Gryphon Microproducts, Silver Springs  
HBI Business Systems, Rockville  
Information Systems, Inc., Rockville  
Integrated Microcomputer Systems, Inc., Rockville  
InterCAD Corporation, Annapolis  
Kennerly Associates, Inc., Lanham  
M/A-Com Information Systems, Inc., Rockville  
Martin Marietta Corporation, Bethesda  
Martin Marietta Data Systems, Greenbelt  
MicroCall Services, Laurel  
Muse Software, Inc., Baltimore  
National College Services, Gaithersburg  
National Com-Serv, Inc., Rockville  
National Guest Systems Corporation, Rockville  
OAO Corporation, Greenbelt  
Online Computer Systems, Inc., Germantown  
Optic Graphics, Inc., Glenburnie  
Opus Corporation (The), GermanTown  
ORI, Inc., Rockville  
Oriole Software, Inc., Towson



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### MARYLAND

Penta Systems International, Inc., Baltimore  
Performance Systems, Inc., Rockville  
PHH Group, Inc., Hunt Valley  
Phillips Publishing, Bethesda  
Polygon Associates, St. Louis  
PSA & CPS, Inc., Capitol Heights  
Punch Card Processing Co., Takoma Park  
Sachs/Freeman Associates, Inc., Landover  
Sage Federal Systems, Inc., Rockville  
Sage Software, Inc., Rockville  
SPAR Associates, Inc., Annapolis  
STSC, Inc., Rockville  
System Automation Corporation, Silver Springs  
Top Down Systems, Rockville  
Vitro Corporation, Silver Spring

### MASSACHUSETTS

A.B. Dick Company - Business Systems, Wellesley  
Absolut Software, Inc., Boston  
Access International, Inc., Boston  
Access Technology, Inc., South Natick  
Adalcar Group, Ltd. (The), Wellesley  
Adelie Corporation, Cambridge  
Admins, Inc., Cambridge  
ADMINS, Inc., Cambridge  
Advantage Systems, Inc., Waltham  
Agate Systems, Inc., Holyoke  
Alden Yankee Computers, Quincy  
Alpha Software, Burlington  
ALSYS, Inc., Waltham  
American Business Systems, Inc. (ABS), Westford  
American Key punch & Systems, Cambridge  
Analysis & Computer Systems, Inc., Bedford  
Applications Systems Corp., Boston  
Applied Decision Systems, Lexington  
Applied Expert Systems, Inc. (APEX), Cambridge  
Applitek, Wakefield  
Appliy, Inc., Westboro  
ARC/AMS, North Quincy  
Arlington Software and Systems Corporation, Arlington  
Arthur D. Little, Inc., Cambridge  
Artificial Intelligence Corporation, Waltham  
ASE Services Inc., Holliston  
Atlantic Data Services, Inc., Quincy  
AVP Systems, Marblehead  
Azrex, Inc., Burlington  
Babage International Inc., Marlboro  
Baird Corp., Bedford  
Banking Decision Systems, Waltham  
Bank of New England, Boston  
BASF Systems Corporation, Bedford  
Bay Banks Systems, Inc., Waltham  
BBN Communications Corporation, Cambridge  
BBN Laboratories Incorporated, Cambridge  
BBN Software Products Corporation, Cambridge  
BGS Systems, Inc., Waltham  
Bolt, Beranek and Newman Inc., Cambridge  
Boston Documentation Design, Inc., Auburndale

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Boston Systems Office, Inc., Waltham  
Bristol Information Systems, Inc., Fall River  
Business Computer Systems, Boston  
Business & Professional Software, Inc., Cambridge  
Business Software Technology, Inc., Randolph  
Business Systems Resources, Waltham  
Calvin P. Allyn & Associates, Boston  
Cambridge Computer Associates, Inc., Cambridge  
Camex, Boston  
Carleton Corporation, Cambridge  
Casher Associates, Inc., Brookline  
Catalytix Corporation, Cambridge  
CCA Uniworks, Inc., Wellesley  
CFS, Inc., West Roxbury  
CGX Corporation, Acton  
Charles River Data Systems, Inc., Framingham  
C.L. Systems, Inc., W. Newton  
Communicator Assistance Systems, Inc., Beverly  
Compudyne, Inc., Bedford  
Compugraphic Corporation, Wilmington  
Computer Corporation of America, Cambridge  
Computer Entry Systems Corporation, Silver Spring  
Computer Identities Corporation, Canton  
Computer Information Systems, Braintree  
Computer Merchant, Ltd. (The), Hingham  
Computer Partners, Inc., Waltham  
Computervision Corporation, Bedford  
Concentric Data Systems, Inc., Westboro  
Concord Data Systems, Inc., Marlboro  
Considine Computing Services, Belmont  
Corporate Software, Inc., Canton  
Corporate-TECH Planning, Inc., Waltham  
Cullinet Software, Inc., Westwood  
Data Architects, Inc., Waltham  
Data General Corporation, Westboro  
Data Group Corporation (The), Lexington  
Data Language Corporation, Billerica  
Data Management Systems, Hyannis  
Datatext, Woburn  
Data Translation, Inc., Marlboro  
Decision Strategies, Inc., Braintree  
Digital Concepts, Inc., Marlboro  
Digital Design & Development, Inc., Walpole  
Digital Equipment Corporation, Maynard  
Distribution Management Systems, Inc., Lexington  
Dragon Systems, Inc., Newton  
Dynamics Research Corporation, Wilmington  
Economica, Inc., Cambridge  
Electronic Business, Boston  
Envoy Systems Corporation, Waltham  
Epsilon Data Management, Inc., Burlington  
Evans, Griffiths & Hart, Inc., Lexington  
Exter Software, Ltd., Chelmsford  
Financial Management Systems, Inc., Boston  
Financial Software, Inc., Hudson  
Financiek, Inc., Westboro  
First Software Corporation, Lawrence  
Funk Software, Cambridge

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### MASSACHUSETTS

Gateway Design Automation, Littleton  
General Computer Resources, Inc., Waltham  
GENESYS Software Systems, Inc., Lawrence  
Geocomp Corporation, Concord  
Geographic Systems, Inc., Andover  
Gerber Alley & Company, Boston  
G.O. Graphics, Burlington  
Goldhill Computers, Inc., Cambridge  
Graphic Communications, Waltham  
Harvard Software, Inc., Littleton  
Hayden Software Company, Inc., Lowell  
Henco Software, Inc., Waltham  
Houghton Mifflin Company, Boston  
Index Systems, Inc., Cambridge  
Index Technology Corporation, Cambridge  
Infocom, Inc., Cambridge  
Infonics, Inc., Littleton  
Infotech, Inc., Sudburg  
Input Output Computer Services, Waltham  
Integrated Planning, Inc., Boston  
Interactive Data Corporation, Lexington  
Interactive Images, Woburn  
Interactive Systems, Inc., Lowell  
Interleaf, Inc., Cambridge  
Intermetrics, Inc., Cambridge  
ISI Systems, Inc., Braintree  
ISYS Corporation, Cambridge  
ITP boston, inc., Cambridge  
Javelin Software Corporation, Cambridge  
Jetsoft, East Falmouth  
John Hancock Mutual Insurance, Boston  
Keane, Inc., Boston  
Keydata Corporation, Newton  
Knoware, Inc., Cambridge  
Leading Edge Products, Wellesley  
Learning Tools Inc., Cambridge  
Linkware Corporation, Waltham  
LISP Machine, Inc., Andover  
Logistics Systems, Newton  
Logos Corporation, Dedham  
Loki Engineering, Inc., Cambridge  
Lotus Development Corporation, Cambridge  
M/A-Com, Inc., Burlington  
Management Decision Systems, Inc., Waltham  
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Plum Systems, Cleveland  
Professional Automated Systems, Columbus  
Reynolds & Reynolds Company (The), Dayton  
Saztec Computer Services Organization, Dayton  
Schaffer & Schaffer Applied Research & Development, Inc., Columbus  
Sentinel Computer Corporation, Cincinnati  
Smyth Business Systems, Canton  
Soft Core International, Inc., Westerville  
Software Clearing House, Inc. (The), Cincinnati  
South-Western Publishing Company, Cincinnati  
Systemation, Inc., Cleveland  
Systems Research Labs, Dayton  
Tele-Sun, Englewood  
Tominy, Inc., Cincinnati  
Vista Data Systems, Inc., Cleveland

### OKLAHOMA

American Educational Computer, Inc., Oklahoma City  
American Small Business Computers, Inc., Pryor  
Datamate Co., Tulsa  
Data Times, Oklahoma City  
Dorsett Educational Systems, Inc., Norman  
EDP Systems, Inc., Oklahoma City  
First Data Management Company, Inc., Oklahoma City  
MPSI Systems, Inc., Tulsa  
Pace Computer Systems, Oklahoma  
Polytel Computer Products Corp., Tulsa  
Seismograph Service Co., Tulsa  
Sunbelt Computer Systems, Inc., Tulsa  
Viking Software Services, Inc., Tulsa

### OREGON

Airus, Inc., Portland  
Alpine Data Systems, Portland

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### OREGON

American Data Services, Inc., Portland  
Computer Development Inc., Beaverton  
Custom Business Systems, Inc., Reedsport  
Data Systems, Inc., Portland  
Graphic Software Systems, Beaverton  
Interactive Technology Incorporated, Beaverton  
JTW Computer Systems, Inc., Portland  
Keymark Systems, Inc., Portland  
Northwest Analytical, Inc., Portland  
Oregon Software, Inc., Portland  
Perfect Software, Inc., Eugene  
Poorman-Douglas Corporation, Portland  
Real Estate Microcomputer Systems, Inc., Corvallis  
Sequent Computer Systems, Inc., Beaverton  
Sideral Corporation, Portland  
SPORTSware, Inc., West Linn  
Summa Software Corporation, Beaverton  
Summit Information Systems Corporation, Corvallis  
Teneron Corporation, Beaverton  
Thoughtware Publishing Company, Grant Pass  
Timberline Software Corporation, Beaverton

### PENNSYLVANIA

202 Data Systems, Inc., Wayne  
Advanced Cybernetics, Inc., Wyomissing  
AGS Management Systems, Inc., King of Prussia  
Allan Collaunt Associates, Inc., Wynnewood  
American Information Systems, Wellsboro  
American Service Associates, Narristown  
Amperand Corporation, York  
Analytics, Inc., Willow Grove  
Applied Business Technologies, Inc., Bryn Mawr  
Autolog Systems, Montgomeryville  
Automation Technology, Elkins Park  
Auto Tell Services, Inc., King of Prussia  
Calculon Corporation, Philadelphia  
Captron, Inc., Newtown  
Carnegie Group, Inc., Pittsburgh  
CIGNA Corporation, Philadelphia  
Compass Software, Inc., Downingtown  
Complete Computer Systems, Huntingdon Valley  
Computer Consulting & Conversions, Inc., King of Prussia  
Computer Research, Inc., Pittsburgh  
Computer Support Services, Inc., Lewisburg  
Concept Systems, Inc., Philadelphia  
Continental Data Processing, Inc., Wilkes-Barre  
Cway Software, King of Prussia  
Dash Group, Inc., Reading  
Datacomp Corporation, Philadelphia  
Data Consultants, Inc., Johnstown  
Data Relationships Software, Inc., PGH  
Data-Tek Corp., Philadelphia  
Decision Sciences Corporation, Jenkintown  
Deltacom Incorporated, Feasterville  
Duquesne Systems, Inc., Pittsburgh  
Eagle Software Publishing, Inc., Wayne  
Edgewood Systems, Pittsburgh  
ELCOMP Systems, Inc., Pittsburgh

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### PENNSYLVANIA

EZWare Corporation, Bala Cynwyd  
Fischer & Porter, Warminster  
Franklin Institute Research Laboratories (The), Philadelphia  
General Devices, Inc., Norristown  
GENIX Corporation, Pittsburgh  
Gilbert Associates, Inc., Reading  
Gilbert Commonwealth, Inc., Reading  
Gilbert Services, Inc., Reading  
Gimbel Software, Collegeville  
Gnosis, Inc., Philadelphia  
GSI Transcomm, Pittsburgh  
Health Data Systems, Inc., Lewistown  
Industrial Corporation, Philadelphia  
Information Companies of America (ICOA), Philadelphia  
International Computaprint Corporation, Ft. Washington  
International Computerized Telemarketing, Inc., Longhorne  
J.M.I. Software Consultants, Spring House  
Keystone Computer Associates, Inc., Fort Washington  
KPB Industries, Bethlehem  
LeMans Group (The), King of Prussia  
Lexeme Corporation, Pittsburgh  
MACS, Malvern  
MCS, Inc., Pittsburgh  
Mellon Bank Datacenter, Pittsburgh  
MIDEC, Inc., Pittsburgh  
Neshaminy Valley Information Processing, Trevoise  
Omega Systems, Inc., Pittsburgh  
Pearl Data Systems, Malvern  
Pentamation Enterprises, Inc., Bethlehem  
Personnel Data Systems, Inc., Plymouth Meeting  
PictureWare, Inc., Bala Cynwyd  
Pinkerton Computer Consultants, Trevos  
Premier Systems, Inc., Wayne  
Primavera Systems, Inc., Bala Cynwyd  
Professional Computer Associates, Inc., Erie  
Rabbit Software Corporation, Malvern  
Redshaw, Inc., Pittsburgh  
RMS Technologies, Trevoise  
Safeguard Business Systems, Inc, Fort Washington  
SEI Corporation, Wayne  
Shared Medical Systems Corporation, Malvern  
Software Digest, Wynnewood  
SunGard Data Systems, Inc., Wayne  
Swanson Analysis Systems, Houston  
Systems & Computer Technology Corporation, Malvern  
Tartan Laboratories, Inc., Pittsburgh  
Trilog, Inc., Philadelphia  
Unilogic Ltd., Pittsburgh  
Unisys Corporation, Blue Bell  
Users Incorporated, Valley Forge  
Utility & Municipal Services, Inc., King of Prussia  
Vidmar Stanley, Allentown  
Weidenhammer Systems Corporation, Wyomissing  
Worlco Data Systems, Inc., Norris Town  
XRT, Inc., Malvern

### RHODE ISLAND

Aquidneck Data Corp., Middletown

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### RHODE ISLAND

Daly & Wolcott, East Greenwich  
Fleet Financial Group, Providence  
Fleet Information, Inc., Providence  
GTECH Corporation, Providence  
Information Systems, Inc., Pantucket  
Network Solutions, Inc., Warwick  
Northeast Business Computers, Inc., Warwick  
Orbis, Inc., East Providence

### SOUTH CAROLINA

American Computer Professionals, Columbia  
Cambar Business Systems, Inc., Charleston  
Policy Management Systems Corporation, Columbia

### SOUTH DAKOTA

CMV Software Specialists, Inc., Hartford

### TENNESSEE

Advertising Data Systems, Inc., Memphis  
Applied Dynamics, Inc., Memphis  
BM Systems, Hermitage  
Comdata Network, Inc., Nashville  
Compco, Inc., Brentwood  
Data Communications Corporation, Memphis  
D & S Systems, Inc., Memphis  
ECOM Systems, Inc., Memphis  
Endata, Inc., Nashville  
Envoy Corporation, Nashville  
Financial Institution Services, Inc., Nashville  
Hamlin, Williams & Associates, Inc., Memphis  
Ingram Software, Nashville  
Inventory Locator Service, Inc., Memphis  
MicroSource Technologies, Memphis  
S & H Computer Systems, Inc., Nashville  
Synchronics, Memphis

### TEXAS

AAA Technology, Houston  
ABACUS Associates, Bellaires  
Abbott's Logical Systems, Houston  
ABCO, Dallas  
ACES Software, Dallas  
A.C.T.S. Corporation, Austin  
ADP Thrift Services Division, Houston  
Advanced Data Processing, Inc., Houston  
Advanced Management Technologies, Houston  
AGAPE Enterprises, Texas City  
AG Computer Service, Amarillo  
AgriData Systems, Inc., Houston  
Agro Systems Corporation, Lubbock  
Aims Plus, Inc., Richardson  
Al Lee & Associates, Inc., Dallas  
Alpha Data Systems Inc., Dallas  
American Physicians Service Group, Inc., Austin  
American Productivity Center, Houston  
Antrim Corporation, Plano  
APL Data Systems, Arlington  
Application Systems International, Houston

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### TEXAS

A.S.A.P. Computers, Houston  
Baird Petrophysical Group, Houston  
Balcones Computer Corp., Austin  
Bell & Murphy Associates, Dallas  
Bennett Software, Houston  
BISS, Inc., Houston  
BMC Software Inc., Sugarland  
Boffin, Inc., Dallas  
Bonner & Moore Associates, Houston  
Boss International, Austin  
BPI Systems, Inc., Austin  
Bradford Information Systems, Spring  
BSA Turnkey Corporation, San Antonio  
Business Operating Software, Inc., Dallas  
CAP Gemini Software Products, Inc., Dallas  
ChemShare Corporation (The), Houston  
Chilton Corporation, Dallas  
Chuck Atkinson Programs, Fort Worth  
Clarity Software Corporation, Austin  
Compu-Share, Inc., Lubbock  
Computer Aided Manufacturing - International, Inc. (CAM-I), Arlington  
Computer Application Specialist, Austin  
Computer Data Processing, Inc., Grand Prairie  
Computer Language Research, Inc., Carrollton  
Computer Services Company, Wichita Falls  
CompuTrac, Inc., Richardson  
Concourse Research, Dallas  
Conductor Software, Inc., Irving  
Continuum Company, Inc. (The), Austin  
Cook Data Services, Inc., Dallas  
Corporate Systems, Amarillo  
Creditware, Dallas  
Cutler-Williams, Dallas  
CYGNA Communications, Houston  
Dataplex Company, Houston  
Dawson Geophysical Co., Midland  
DGC, Inc., Dallas  
Digicon Inc., Houston  
DLM Teaching Resources, Allen  
EGT, Inc., Houston  
Electronic Banking Systems, Richardson  
Electronic Data Systems Corporation, Dallas  
Execucom Systems Corporation, Austin  
Executec Corporation, Dallas  
Executive Data Systems, Houston  
Factorial Systems, Inc., Austin  
Financial Communications Services, Inc., Dallas  
Financial Information Systems, Richardson  
Financial Systems Division, Dallas  
First City National Bank of Houston, Houston  
First City Services Company, Houston  
Flagship Group (The), Inc., Dallas  
Foxmeyer-TBL, Arlington  
Geophysical Service Inc., Dallas  
GeoQuest Systems, Inc., Houston  
Geosource, Inc., Houston  
Good Software Corporation, Dallas  
Guidance Software, Kingwood

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### TEXAS

Hal Systems & Services, Dallas  
Harte-Hanks Communications, Inc., San Antonio  
Hogan Systems, Inc., Dallas  
Houston Data Center Inc., Houston  
Houston Engineering Research Corporation (HERCO), Houston  
Information Network Corporation, Dallas  
INFOSTAT, Inc., Dallas  
Infotech Systems, Inc., San Antonio  
Infotran Corporation, Houston  
Intellisource, Inc., Carrollton  
James B. Hotze & Company, Houston  
Kapstrom, Dallas  
Kentron International, Inc., Dallas  
Key Enterprises, Amarillo  
Landmark Graphics Corporation, Houston  
Lantech Systems, Inc., Dallas  
Lomas & Nettleton Financial Corporation, Dallas  
Lone Star Micro, Dallas  
LFWF, Inc., Dallas  
M/A/R/C, Inc., Irving  
Mason Best Company, Houston  
Matrix Insurance Services Inc., Houston  
MCC Systems Inc., Houston  
MCorp, Dallas  
Metier Management Systems, Inc., Houston  
MICA, Port Arthur  
Micro Associates, Nederland  
Micrografx, Richardson  
Mineral Search, Inc., Houston  
Morgan Computing, Dallas  
Mountain Software Growers, Inc., Houston  
M Tech, Irving  
MTech, Irving  
National Data Communications, Inc., Dallas  
National FSI, Inc., Dallas  
Nationwide Computer Services, Ennis  
Netec International Inc., Dallas  
Nutri Med. Inc., Richardson  
Online Accounting Systems, Houston  
On-Syte, Plano  
Pace Group, Inc., Dallas  
Palantir Software, Houston  
PASS, Inc., Dallas  
Petrocomp Systems Inc., Houston  
Petro Solutions, Inc., Corpus Christi  
Petroware, Inc., Dallas  
Pinnacle Systems, Inc., Dallas  
PMI, Inc., Dallas  
Power Computing Company, Dallas  
Pro-Access, Access To Professionals, Houston  
Profit Technologies, Woodlands  
PSI Energy Software, Abilene  
Quadstar Corporation, Dallas  
Radian Corporation, Austin  
R Systems, Inc., Dallas  
Rubicon Corporation, Richardson  
Seiscom Delta, Inc., Houston  
Seisdata Services, Inc., Houston



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### TEXAS

SGM, Inc., Houston  
Shared Financial Systems, Dallas  
Software Automation, Dallas  
Software Express (The), Houston  
Southwest Software, Arlington  
Sterling Software, Inc., Dallas  
Sterling-Swift Publishing Co., Austin  
Stonehouse and Company, Inc., Dallas  
Symbolics Financial Systems, Inc., Richardson  
Synercom Technology, Inc., Sugar Land  
SystemOne Corporation, Houston  
Systems Application Engineering, Inc., Houston  
Systems Software Division, Dallas  
Systems Software, Inc., Houston  
Sytech Corporation, Houston  
Tandy Corporation, Fort Worth  
TCS Software, Inc., Houston  
Technical Advantage Corporation, Richardson  
Technical Evaluation and Management Systems, Inc. (TEAMS), Dallas  
Texas Direct, Inc., Fort Worth  
UCCEL Corporation, Dallas  
Universal Custom Products, San Antonio  
Walter E. Ulrich Consultants, Houston  
Welcome Software Technology, Houston  
Western Geophysical, Houston

### UTAH

ALP Systems, Salt Lake City  
Aurelian Corporation, Orem  
Danya Communications, Salt Lake City  
Dynamic Time Systems, Inc., Provo  
Evans & Sutherland, Salt Lake City  
Future Software, Inc., Salt Lake City  
Hiller Industries, Salt Lake City  
IHC Affiliated Services, Inc., Salt Lake City  
Libra Programming, Inc., Salt Lake City  
Lytron Systems, Provo  
Management Systems Corporation, Salt Lake City  
MegaWest Systems, Salt Lake City  
Novell, Inc., Provo  
SoftTrak Systems, Salt Lake City  
Software Systems, Inc., Spanish Forks  
SOS Computer Systems, Inc., Provo  
Spillman Data Systems, Inc., Logan  
Telesun Corporation, Salt Lake City  
WordPerfect Corporation, Orem

### VERMONT

Commercial Logic, Inc., Norwich  
Fel Computing, East Dover  
Interpretive Data Systems, Burlington  
Systems and Software, Inc., Williston

### VIRGINIA

ADS Software, Inc., Roanoke  
Advanced Systems Development, Arlington  
Advanced Technology, Inc., Reston  
Agrimetrix Associates, Richmond

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### VIRGINIA

American Management Systems, Inc., Arlington  
ATA Services, Inc., Alexandria  
Automated Image Management (AIM) Division, Herndon  
BCI, Inc., McLean  
BDM International, Inc., McLean  
Berman Associates Inc., Sterling  
Best Programs, Alexandria  
BETAC Corporation, Arlington  
Business Management Systems, Inc., Fairfax  
C3, Inc., Reston  
CACI, Inc., Arlington  
CCG Systems, Inc., Portsmouth  
Centec Corporation, Reston  
Compucare, Inc., Reston  
Computer Company (The), Richmond  
Computer Multiple Listing Service, Fairfax  
Contractors Management Systems, Reston  
Creative Management Systems, Inc., McLean  
Crichlow Data Sciences Inc., Dumfries  
CR Software, Inc., Fairfax  
CTEC, McLean  
Datacare, Inc., Roanoke  
Datametrics Systems Corporation, Burke  
Data Systems Corporation, Richmond  
Datatel Inc., Alexandria  
DELTEK Systems, Inc., Vienna  
Dynalectron Corporation, McLean  
Eastern Software Products, Alexandria  
ERC International, Inc., Vienna  
Essex Corporation, Alexandria  
Figgie International Holdings Inc., Richmond  
Flow General, Inc., McLean  
Galler Automation Industries Inc., Falls Church  
Ganesa Group International, McLean  
General Research, McLean  
GTE Telenet Communications Corp., Reston  
Hadron, Inc., Fairfax  
INCO, Inc., McLean  
Inconographics, Inc., Centerville  
Information Management Consultants, Inc., Falls Church  
International Computer Systems, Inc., Vienna  
International Software Systems, Richmond  
Inversion Technology, McLean  
Johnson Systems, Inc., McLean  
Landmark Systems Corporation, Springfield  
Medical Data Services, Inc., Richmond  
Medicomp Of Virginia, Fairfax  
Morino Associates, Inc., Vienna  
NDX Corporation, Fairfax  
Network Solutions, Vienna  
Network Strategies, Inc., Fairfax  
Nixdorf Computer Engineering Co., Richmond  
Performance Software, Inc., Richmond  
PE Systems, Inc., Alexandria  
Planning Research Corporation, McLean  
Reston Publishing Company, Inc., Reston  
RGI, Inc., Falls Church  
Satellite Computing, Inc. (SATCOM), Virginia Beach

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### VIRGINIA

Seed Software Corp., Alexandria  
Signet Data Systems, Ltd., Richmond  
Smart Systems Technology, Falls Church  
Software AG Systems, Inc., Reston  
Software Architecture & Engineering, Inc., Arlington  
Source Telecomputing Corporation, McLean  
Systemhouse, Inc., Arlington  
Systems and Applied Sciences Corporation (SASC), Vienna  
Systems Engineering Computer Co. (SEC), Richmond  
Systems Research & Applications, Arlington  
United Software Security, Inc., McLean  
VM Software, Inc., Reston  
VSE Corporation, Alexandria

### WASHINGTON

ABC Management Systems, Inc., Bellingham  
ABC Marketing International, Inc., Bellingham  
Accountants Microsystems, Inc., Bellevue  
Ag - Data Inc., Walla Walla  
AGENA Corporation, Seattle  
Aldus Corporation, Seattle  
Allied Data, Olympia  
American Viking Enterprises Inc., Redmond  
AMI, Bellevue  
Applied Business Systems, Spokane  
BelleSoft, Inc., Bellevue  
Berge Software, Seattle  
Boeing Company (The), Seattle  
Boeing Computer Services Company, Bellevue  
Caelus Associates, Inc., Spokane  
Care Computer Systems, Bellevue  
CDI Information Systems, Inc., Bellevue  
C.M. Computers, Inc., Seattle  
Computer Financial Services, Bellevue  
Computer Technology, Inc., Bellevue  
Cosmoc, Inc., Onalaska  
Cosmos Inc., Seattle  
DIS Corporation, Bellingham  
DSD Corporation, Kirkland  
Dynaware, Bellevue  
Escom, Inc., Kirkland  
Heuristima Corporation, Seattle  
Information Management Corporation, Seattle  
InteGram, Inc., Bellevue  
Interactive Solutions Corporation, Woodinville  
ISC Systems Corporation, Spokane  
ITRON, Spokane  
MANUS Services Corporation, Seattle  
Microrim, Inc., Redmond  
Microsoft Corporation, Redmond  
Northwest Management Services, Inc., Seattle  
O'Hanlon Computer Systems, Inc., Bellevue  
OmniSoft Corporation, Kennewick  
Physician Micro Systems Inc., Seattle  
Popular Programs, Inc., Kirkland  
Professional Resource Group, Sedro Woolley  
Quicksoft, Seattle  
Softflex Systems, Inc., Kennewick

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### WASHINGTON

Software Extraordinaire, Bellevue  
SONA Systems Corporation, Redmond  
Spokane Computer Services, Inc., Spokane  
Teal Communications International, Inc., Blaine  
TOM Software, Inc., Seattle  
Triangle Computer Services, Seattle  
United States Computers Inc., Tacoma  
U.S. Intelco Network, Inc., Olympia  
Video Financial, Seattle  
Western Data Corporation, Bellevue  
Western Institute of System Engineering, Bellevue

### WASHINGTON D.C.

2B Enterprises, Washington  
Aztech Corporation, Washington  
Barfield Consulting, Inc., Washington  
Bureau of National Affairs, Inc., Washington  
COMNET Corporation, Washington  
Computer Network Division, Washington  
Group 1 Software, Washington  
Information Concepts, Inc., Washington  
INSLAW, Inc., Washington  
International Business Services Inc., Washington  
Kidd International Data Processing, Washington  
Photo Data, Inc., Washington  
Railinc Corporation, Washington  
Raven Systems & Research, Inc., Washington  
Strategic Planning Associates, Washington  
SYSCON Corporation, Washington

### WEST VIRGINIA

Cambridge Careers Products, Inc., Charleston  
Jefferson Software, Charleston

### WISCONSIN

Ag/Pac, Madison  
American Appraisal Associates, Inc., Milwaukee  
Aurora Systems, Inc., Madison  
Automation Management Services, Inc. (AMS), Brookfield  
Catalyst, U.S.A., Inc., Grafton  
Delta Technology International, Inc., Eau Claire  
Deluxe Data Systems, Inc., Brown Deer  
Effective Management Systems, Inc., Milwaukee  
Firstar Corporation Of Appleton, Appleton  
Flserv, Inc., West Allis  
Food Computer Systems, Inc., De Pere  
General Robotics Corp., Hartford  
Harris Data Service, Inc., Waukesha  
Heritage Computer Corporation, Sheboygan  
Information Management Software Specialists, Inc., Racine  
International Software Network, Inc., Milwaukee  
Joiner Associates, Inc., Madison  
Manufacturing Resource Management, Inc. (MRM), Brookfield  
Marine Bank Service Corporation, Milwaukee  
Marshall & Ilsley, Milwaukee  
McHugh, Freeman and Associates, Elm Grove  
MDX Clinical Data Design, Inc., Brookfield  
M & I Data Services, Milwaukee

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### WISCONSIN

Northouse Industries, Inc., Milwaukee  
NSC, Inc., Briallion  
Office Solutions, Inc., Madison  
Payco American Corporation, Brookfield  
Programming Services & Support, Inc., La Crosse  
Remote Data Systems, Inc., Brookfield  
Rexnord Data Systems, Milwaukee  
Rexnord, Inc., Brookfield  
SST, Inc., Milwaukee  
Sycom, Madison  
Thomas-Laguban & Associates, Brookfield

### NON-U.S. COMPANIES

#### AUSTRALIA

Business Model Systems,

#### CANADA

Arrix Logic Systems, Inc. (ALS), Agincourt  
Batteries Included, Inc., Richmond Hill  
Bedford Software, Burnaby, BC  
Bell Canada Enterprise,  
Biblos Business Systems, Inc., Scarborough  
BP Resources, Toronto  
Canada Systems Group Limited, Mississauga  
Cognos Incorporated, Ottawa  
Columbia Computing Services, Vancouver  
Compucraft Systems Ltd., Ottawa  
Computing Canada, Willowdale  
Crowntek Communications, Inc., Willowdale  
Crowntek, Inc., Markham  
Crownx, Inc. CANADA, Toronto  
Cymbol-Cybernetics Corporation, Ottawa  
Datacrown, Inc., Toronto  
Data Kinetics, Ottawa  
Dataplotting Services Inc., Don Mills  
Digital Management Group, Ltd., Willow Dale  
DMR & Associates Ltd., Montreal  
ForceTen Enterprises, Inc., Halifax  
Geac Canada Limited,  
GeoVision, Ottawa  
Graham Software Corp., Toronto  
I.P. Sharp Associates, Toronto  
ITM Corporation, Toronto  
Jonas & Erickson Software Technology, Inc., Willowdale  
L'Industrielle-Services Techniques Inc., Montreal  
Micro Tempos, Inc., Montreal  
Oceanic Information Systems, Inc. CANADA, Roxdale  
Officesmiths Inc., Ottawa  
Pelada Informatica, Kingston  
Planmatics, Montreal  
Safe Computing Limited, Mississauga

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### CANADA

SHL System House, Inc., Ottawa  
Synerlogic, Inc., Surrey, BC  
Teal Communications, Inc.,  
York Street Software, Fredenckton

### ENGLAND

Business Intelligence Services, Ltd.,  
Cable & Wireless,  
CAP Group, Ltd.,  
H.R.C. Micro Organisation Ltd., Sheffield  
Prospero Software Ltd., London  
Reed International ENGLAND, London  
Reuters, Ltd., London

### FRANCE

CAP Gemini Sogeti,  
Generale de Service Informatique,

### HOLLAND

Walters Samson Group,

### ISRAEL

Manof Systems, Limited ISRAEL,

# CAMS 1987 Computer Services Index

|   | PRO | SW | PFS | TKY |
|---|-----|----|-----|-----|
| 1040 Software, Inc.                     |     | o  |     |     |
| 202 Data Systems, Inc.                  |     | o  | o   | o   |
| 2B Enterprises                          |     |    |     |     |
| 3CI                                     |     | o  |     |     |
| 3Com Corporation                        |     | o  |     | o   |
| 3M Datatrak Systems, Inc.               |     | o  | o   | o   |
| 3M Media Services, Inc.                 |     |    |     |     |
| AAA Technology                          | o   | o  | o   | o   |
| Abacus                                  |     | o  |     |     |
| ABACUS Associates                       |     | o  | o   |     |
| ABACUS Data Systems                     |     | o  |     | o   |
| Abacus, Inc.                            |     |    |     |     |
| Abbott's Logical Systems                |     | o  |     |     |
| ABC Development Systems                 |     | o  |     |     |
| ABC Financial Systems, Inc.             |     |    |     |     |
| ABC Management Systems, Inc.            |     |    |     |     |
| ABC Marketing International, Inc.       |     | o  |     |     |
| ABCO                                    |     |    |     |     |
| AB Computers                            |     |    |     |     |
| A.B. Dick Company - Business Systems    |     |    |     |     |
| ABS Associates, Inc.                    |     | o  |     | o   |
| Absolut Software, Inc.                  |     | o  |     |     |
| Academic Financial Services Association | o   |    | o   |     |
| Accel Technologies, Inc.                |     | o  |     |     |
| Accent Software                         |     |    |     |     |
| ACCESS Corporation                      |     | o  |     | o   |

PRO = Processing/Network Services  
 SW = Software Products  
 PFS = Professional Services  
 TKY = Turnkey Systems



# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Access International, Inc.               |     |    |     | 0   |
| Access Softek                            |     | 0  |     |     |
| Access Technology, Inc.                  |     | 0  | 0   |     |
| Access Telecommunications Corporation    |     |    |     |     |
| Accountants Computer Network, Inc.       |     |    |     |     |
| Accountants Computer Resources Corporati |     |    |     |     |
| Accountants Computer Services            | 0   |    |     |     |
| Accountants Microsystems, Inc.           |     | 0  |     | 0   |
| Accountants Processing Center            |     |    |     |     |
| Accounting Corporation of America        | 0   |    |     |     |
| Accounting Datamation, Inc.              |     | 0  |     | 0   |
| Accounting Data Service                  | 0   |    | 0   |     |
| Accounting Systems Corporation           | 0   | 0  |     | 0   |
| AccountMate SourceMate Information Syste |     | 0  |     |     |
| AccTex Information Systems               |     | 0  |     | 0   |
| Accurate Keypunch Service, Inc.          |     |    |     |     |
| Accuray Corporation                      |     |    |     |     |
| Accusoft, Inc.                           |     |    |     |     |
| ACE Publishing Ltd.                      |     |    |     |     |
| Ace Software Inc.                        |     | 0  |     |     |
| ACES Software                            |     |    |     |     |
| A.C. Nielsen Company                     |     |    |     |     |
| ACPI, Ltd.                               | 0   | 0  |     | 0   |
| ACS                                      |     | 0  |     |     |
| Activision, Inc.                         |     | 0  |     |     |
| A.C.T.S. Corporation                     | 0   | 0  | 0   |     |

PRO = Processing/Network Services  
 SW = Software Products  
 PFS = Professional Services  
 TKY = Turnkey Systems

# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Actuarial Computer Technology, Inc.      |     |    |     |     |
| ADAC Laboratories                        | o   |    |     | o   |
| Adalcar Group, Ltd. (The)                |     | o  | o   |     |
| ADAPT                                    |     |    |     |     |
| Adaptable Laboratory Software, Inc.      |     | o  |     |     |
| Addmaster Corporation                    |     |    |     | o   |
| Adelie Corporation                       |     | o  | o   |     |
| Adesse Corporation (The)                 |     | o  | o   |     |
| Administrative Data Systems, Inc.        |     |    |     |     |
| Administrative Information Systems, Inc. |     |    |     |     |
| Admins, Inc.                             |     | o  |     |     |
| ADMINs, Inc.                             |     |    |     |     |
| Adobe Systems Incorporated               |     | o  |     |     |
| ADPAC Corporation                        |     | o  |     |     |
| ADP Manufacturing Services Division      |     | o  |     |     |
| ADS Associates, Inc.                     |     |    |     |     |
| ADS Software, Inc.                       |     | o  |     |     |
| ADS Systems                              |     | o  |     |     |
| Advance Business Services                | o   | o  |     |     |
| Advanced Applications Inc.               |     | o  |     |     |
| Advance Data                             |     |    |     |     |
| Advanced Business Computing              |     |    |     |     |
| Advanced Business Systems, Inc.          |     |    |     |     |
| Advanced Computer Communications (ACC)   |     | o  |     | o   |
| Advanced Computer Concepts, Inc.         |     | o  |     |     |
| Advanced Computer Management Corporation |     | o  | o   |     |

PRO = Processing/Network Services  
 SW = Software Products  
 PFS = Professional Services  
 TKY = Turnkey Systems

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## Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Advanced Computer Techniques Corporation | o   | o  | o   | o   |
| Advanced Cybernetics, Inc.               |     |    |     |     |
| Advanced Data Group                      | o   |    |     |     |
| Advanced Data Institute, Inc.            |     | o  |     |     |
| Advanced Data Management, Inc.           |     | o  | o   |     |
| Advanced Data Processing, Inc.           | o   |    |     |     |
| Advanced Data Systems, Inc.              | o   | o  | o   |     |
| Advanced Data Technologies, Inc.         |     |    |     |     |
| Advanced Digital Data, Inc.              | o   |    |     | o   |
| Advanced Healthcare Systems, Inc.        |     | o  |     |     |
| Advanced Ideas, Inc.                     |     | o  |     |     |
| Advanced Institutional Management Softwa |     | o  |     |     |
| Advanced Management Technologies         |     |    |     |     |
| Advanced Medical Systems                 |     |    |     |     |
| Advanced Microsolutions                  |     | o  |     |     |
| Advanced System Applications, Inc.       | o   | o  |     |     |
| Advanced Systems Development             |     |    |     |     |
| Advanced Systems for Cellular            |     | o  |     |     |
| Advanced Systems, Inc.                   |     |    | o   |     |
| Advanced Technology, Inc.                |     |    | o   |     |
| Advanced Technology International, Inc.  |     | o  |     |     |
| Advanced Technology Systems, Inc. (ADTEC |     | o  | o   |     |
| Advanced Vision Research, Inc.           |     |    |     | o   |
| Advantage Systems, Inc.                  |     |    |     | o   |
| Advent On-line Knowledge, Inc.           | o   | o  |     |     |
| Advent Software, Inc.                    |     | o  |     |     |

PRO = Processing/Network Services  
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| Adventure International             |     | o  |     |     |
| Advertising Data Systems, Inc.      |     | o  |     |     |
| Advertising Distributors Of America |     |    |     |     |
| ADVO-System, Inc.                   |     |    |     |     |
| Adwest Corporation                  |     |    | o   |     |
| A Few Good People, Inc.             |     |    |     |     |
| Affiliated Concepts, Inc.           |     | o  | o   | o   |
| AGAPE Enterprises                   |     |    |     |     |
| Agate Systems, Inc.                 |     | o  |     | o   |
| AG Computer Service                 |     |    |     | o   |
| AgData                              |     | o  |     |     |
| Ag - Data Inc.                      |     |    |     |     |
| AGENA Corporation                   | o   |    |     | o   |
| Ag/Pac                              |     | o  |     |     |
| AGPRO Computer Technology           |     | o  |     |     |
| AgriData Systems, Inc.              |     |    |     |     |
| Agrimetrix Associates               |     |    |     |     |
| Agro Systems Corporation            |     |    |     |     |
| AGS Computers, Inc.                 |     | o  | o   |     |
| AGS Management Systems, Inc.        |     | o  | o   |     |
| AGS Systems Development             |     |    | o   |     |
| Aha, Inc.                           |     | o  | o   |     |
| A & H Income Tax Centers, Inc.      |     |    |     |     |
| Aid Data Systems, Inc.              | o   | o  | o   | o   |
| AIMS/ACPI                           | o   | o  | o   | o   |
| Aims Plus, Inc.                     |     | o  | o   |     |

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| Aion Corporation                 |     | o  |     |     |
| Airus, Inc.                      |     | o  |     |     |
| AIS Corp.                        |     |    |     | o   |
| A.J. & M. Associates             |     |    | o   |     |
| AK, Inc.                         |     |    |     |     |
| Albert Ramond and Associates     |     | o  | o   |     |
| Alcar Software                   |     | o  |     |     |
| Alden Yankee Computers           |     |    |     |     |
| ALDON Computer Group             |     |    | o   |     |
| Aldus Corporation                |     | o  |     |     |
| Alexander & Alexander, Inc.      |     |    | o   |     |
| Alfred Publishing Co., Inc.      |     |    |     |     |
| Allan Collautt Associates, Inc.  |     |    |     |     |
| Al Lee & Associates, Inc.        |     | o  |     |     |
| Allied Data                      | o   | o  | o   |     |
| Allied Insurance Services, Inc.  |     | o  |     | o   |
| All Type Equipment Leasing, Inc. |     |    |     |     |
| Alpha Beta Data Services, Inc.   | o   |    |     |     |
| Alpha Data Systems Inc.          | o   |    |     |     |
| Alpha Soft                       |     | o  | o   |     |
| Alpha Software                   |     | o  |     |     |
| Alphatext, Inc.                  | o   |    |     |     |
| Alpine Data Systems              |     | o  |     | o   |
| ALP Systems                      |     | o  |     |     |
| A.L. Roark and Associates, Inc.  |     |    | o   |     |
| Alro Computer Software Services  |     | o  |     |     |

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| ALR Systems & Software, Inc.             |     |    |     | o   |
| ALSYS, Inc.                              |     |    |     |     |
| Alumni Computer Group, Inc.              |     | o  |     |     |
| Amalgamated Software of North America, I |     | o  |     |     |
| Amaray Packaging Corporation             |     |    |     |     |
| Ambridge International, Inc.             |     |    |     |     |
| Amcom Data Processing                    | o   |    |     | o   |
| AM Computer Services Corp.               |     |    |     |     |
| Amcor Computer Corporation               |     |    |     |     |
| AM Data Services                         | o   |    |     |     |
| Amer-Cal, Inc.                           |     |    |     |     |
| American Appraisal Associates, Inc.      |     |    |     |     |
| American Automated                       |     |    |     |     |
| American Business Computer               |     | o  |     |     |
| American Business List, Inc.             |     |    |     |     |
| American Business Systems, Inc. (ABS)    |     | o  |     |     |
| American Chemical Society                |     |    |     |     |
| American Computer Professionals          |     |    | o   |     |
| American Computer Technology, Inc.       |     |    |     | o   |
| American Datacom                         |     | o  |     |     |
| American Data Services, Inc.             | o   |    |     |     |
| American Dynamic Systems & Services      |     |    |     |     |
| American Educational Computer, Inc.      |     | o  |     |     |
| American Franklin Company                | o   |    |     |     |
| American Hospital Supply Corp.           |     |    |     |     |
| American Information Services, Inc.      | o   |    |     |     |

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| American Information Systems            |     | 0  |     |     |
| American Key punch & Systems            |     |    | 0   |     |
| American Management Systems, Inc.       | 0   | 0  | 0   | 0   |
| American Micro Dynamics, Inc.           |     |    |     |     |
| American Micro Systems Corporation      |     | 0  | 0   | 0   |
| American Physicians Service Group, Inc. | 0   | 0  | 0   |     |
| American Productivity Center            |     |    |     |     |
| American Service Associates             |     |    |     |     |
| American Small Business Computers, Inc. |     | 0  |     |     |
| American Software, Inc.                 |     | 0  | 0   |     |
| American Training International, Inc.   |     | 0  |     |     |
| American Trucking Association           |     |    |     |     |
| American Viking Enterprises Inc.        |     | 0  |     |     |
| Amherst Associates Inc.                 | 0   |    | 0   |     |
| AMI                                     |     | 0  |     | 0   |
| AMI Systems, Inc.                       |     |    |     |     |
| Ampersand Corporation                   |     | 0  |     | 0   |
| AMTEC Information Services              |     |    |     |     |
| Anacomp, Inc.                           | 0   | 0  | 0   | 0   |
| Analog Precision, Inc.                  |     | 0  |     | 0   |
| Analysis & Computer Systems, Inc.       |     |    | 0   |     |
| Analysis & Programming Corp.            | 0   |    | 0   |     |
| Analysis & Technology, Inc.             |     |    |     |     |
| Analysts International Corporation      |     | 0  | 0   |     |
| Analytical Processes Corporation        | 0   | 0  | 0   | 0   |
| Analytical Technologies Inc.            |     |    | 0   |     |

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| Analytics, Inc.                       |     | 0  | 0   |     |
| Anderson-Bell Co.                     |     | 0  |     |     |
| Andover Data Services, Inc.           | 0   |    |     |     |
| Andrew Bellinghieri Associates        |     |    |     |     |
| Andrews, Duerr & Mantighian           |     | 0  | 0   |     |
| Andrew Sipos Associates               |     | 0  |     |     |
| Anistics                              |     |    |     |     |
| Ann Arbor Software                    |     | 0  |     |     |
| Ansa Software                         |     | 0  |     |     |
| Anstat, Inc.                          |     | 0  |     | 0   |
| Anthusion, Inc.                       |     |    |     |     |
| Antrim Corporation                    |     |    |     |     |
| A.O. Smith Data Systems, Inc.         |     |    |     |     |
| Apex Data Systems                     |     | 0  |     | 0   |
| APL Data Systems                      |     |    |     |     |
| APL Group, Inc. (The)                 |     | 0  | 0   |     |
| A-Plus Corporation                    |     |    |     |     |
| Apollo Computer Systems, Inc.         |     | 0  |     |     |
| APPINTEC Corporation                  |     | 0  | 0   |     |
| Apple Computer                        |     | 0  |     | 0   |
| Application Design & Systems, Inc.    |     |    | 0   |     |
| Application Development Services      |     | 0  | 0   |     |
| Application Development Systems, Inc. |     | 0  |     |     |
| Application Research                  |     |    |     | 0   |
| Applications Data Enterprises         |     |    |     |     |
| Applications Programming Co.          |     |    |     |     |

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| Applications Software, Inc.         |     | 0  |     |     |
| Applications Systems Corp.          |     | 0  |     |     |
| Application Systems International   |     |    |     |     |
| Applicon                            | 0   | 0  |     | 0   |
| Applied Business Systems            | 0   |    |     |     |
| Applied Business Systems            |     |    |     |     |
| Applied Business Systems, Inc.      |     |    |     |     |
| Applied Business Technologies, Inc. |     | 0  | 0   | 0   |
| Applied Color Systems, Inc.         |     |    |     | 0   |
| Applied Communications, Inc.        |     | 0  | 0   |     |
| Applied Computer Services           |     |    |     |     |
| Applied Computer Services, Inc.     | 0   |    |     |     |
| Applied Computing Devices (ACD)     |     |    | 0   | 0   |
| Applied Control Systems, Inc.       |     | 0  |     |     |
| Applied Data Communications         |     |    |     |     |
| Applied Data, Inc. (ADI)            | 0   |    |     |     |
| Applied Data Research, Inc.         |     | 0  | 0   |     |
| Applied Data Services               |     |    |     |     |
| Applied Data Systems, Inc.          |     |    |     | 0   |
| Applied Decision Systems            |     | 0  | 0   |     |
| Applied Design Company, Inc.        |     |    |     |     |
| Applied Development Corporation     |     |    |     |     |
| Applied Digital Communications      |     |    |     | 0   |
| Applied Digital Data Systems (ADDS) |     |    |     |     |
| Applied Dynamics, Inc.              |     |    |     |     |
| Applied Expert Systems, Inc. (APEX) |     |    |     |     |

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| Applied Information Development, Inc.    |     | 0  | 0   |     |
| Applied Information Dynamics, Inc.       |     |    |     |     |
| Applied Information Systems, Inc.        |     | 0  |     |     |
| Applied Intelligence Inc.                |     | 0  |     |     |
| Applied Management Sciences              |     |    | 0   |     |
| Applied Management Systems, Inc.         |     | 0  | 0   |     |
| Applied Microcomputer Systems            |     |    |     |     |
| Applied Realtime Systems, Inc.           |     | 0  | 0   | 0   |
| Applied Research, Inc.                   |     |    |     |     |
| Applied Software Inc.                    |     | 0  |     |     |
| Applitek                                 |     |    |     |     |
| Appliy, Inc.                             |     | 0  |     |     |
| APR Consulting, Inc.                     |     |    |     |     |
| Aquidneck Data Corp.                     | 0   | 0  |     |     |
| ARC/AMS                                  | 0   |    |     | 0   |
| Argonaut Information Systems, Inc.       |     | 0  | 0   |     |
| Arkansas Systems                         |     | 0  | 0   |     |
| Ark Data Systems, Inc.                   |     | 0  |     | 0   |
| Arktronics Corporation                   |     |    |     |     |
| Arlington Software and Systems Corporati |     | 0  |     |     |
| AR Mediquest                             |     | 0  |     |     |
| Armor Systems, Inc.                      |     | 0  |     |     |
| ARMS, Inc.                               |     |    | 0   |     |
| Arrays, Inc.                             |     |    |     |     |
| Arrix Logic Systems, Inc. (ALS)          |     |    |     |     |
| Arthur Andersen & Company                |     |    | 0   |     |

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| Arthur D. Little, Inc.                   |     |    | 0   |     |
| Arthur Young & Company                   |     | 0  | 0   |     |
| Artificial Intelligence Corporation      |     | 0  | 0   |     |
| Arvin Industries, Inc.                   |     |    |     |     |
| ASA International, Inc.                  | 0   |    | 0   | 0   |
| A.S.A.P. Computers                       |     |    | 0   | 0   |
| ASAP Systems, Inc.                       |     |    |     |     |
| ASCC, Inc.                               |     |    |     |     |
| ASC Computer Systems                     |     | 0  |     | 0   |
| ASE Services Inc.                        |     |    | 0   |     |
| Ashland Automation Services, Inc.        | 0   |    |     | 0   |
| Ashton Interactive Training Corporation  |     | 0  |     | 0   |
| Ashton-Tate                              |     | 0  |     |     |
| ASI Computer Systems, Inc.               |     |    |     | 0   |
| ASIST                                    |     |    |     |     |
| ASK Computer Systems, Inc.               | 0   | 0  | 0   | 0   |
| A + Software, Inc.                       |     |    |     |     |
| Aspen Systems Corporation                |     |    | 0   |     |
| Association of American Railroads        |     |    |     |     |
| Association Of Computer Retailers        |     |    |     |     |
| Assoc. of Media-based Continuing Educ. f |     |    | 0   |     |
| ASTCO                                    |     | 0  | 0   |     |
| Astradyne Computer Industries Inc.       |     |    |     |     |
| ATAC                                     |     | 0  | 0   |     |
| ATA Services, Inc.                       | 0   | 0  |     | 0   |
| ATE Associates, Inc.                     |     |    | 0   |     |

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| Atech                                   |     |    |     |     |
| Atek Computer Distributors              |     |    |     | 0   |
| ATEK Information Services               | 0   | 0  | 0   | 0   |
| ATEK Information Services               | 0   | 0  | 0   | 0   |
| ATI                                     |     |    |     |     |
| A.T. Kearney                            |     |    | 0   |     |
| Atlanta Data Processing Service         |     | 0  |     |     |
| Atlantic Computing Corporation          | 0   |    |     |     |
| Atlantic Data Services, Inc.            |     | 0  | 0   |     |
| ATM Network Management Corporation      | 0   |    |     | 0   |
| ATR Reports, Inc.                       |     |    |     |     |
| Attache Software                        |     |    |     |     |
| ATV Systems, Inc.                       |     | 0  | 0   | 0   |
| Audichron Company (The)                 |     |    |     |     |
| Audio Visual Labs                       |     |    |     |     |
| Auditek Inc.                            |     |    |     |     |
| Auragen Systems Corporation             |     |    |     |     |
| Aurelian Corporation                    |     | 0  | 0   |     |
| Aurora Systems, Inc.                    |     | 0  | 0   |     |
| Austec, Inc.                            |     | 0  |     |     |
| Authorization Systems Inc.              |     |    |     |     |
| Autodesk, Inc.                          |     | 0  |     |     |
| Autolog Systems                         |     |    |     |     |
| Automated Bookkeeping Corporation       |     |    | 0   |     |
| Automated Business Management, Inc.     |     |    |     |     |
| Automated Business Systems And Services |     |    |     |     |

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| Automated Concepts Incorporated           |     |    | o   |     |
| Automated Data Services, Inc.             |     |    |     |     |
| Automated Design Centers                  | o   |    |     |     |
| Automated Image Management (AIM) Divisio  |     |    |     |     |
| Automated Information Inc.                |     |    |     |     |
| Automated Processing & Development Corp.  | o   |    |     |     |
| Automated Professional Systems            |     |    |     |     |
| Automated Quill, Inc.                     | o   | o  | o   | o   |
| Automated Resource Management Inc.        | o   |    |     |     |
| Automated Resources Group Inc.            |     |    |     |     |
| Automated Science Group, Inc.             | o   | o  | o   | o   |
| Automated Systems Consultants, Inc. (ASC) |     | o  | o   |     |
| Automated Systems Inc.                    | o   | o  |     |     |
| Automatic Business Centers, Inc.          | o   |    |     |     |
| Automatic Data Processing, Inc.           | o   |    | o   | o   |
| Automating Peripherals, Inc.              |     |    |     |     |
| Automation Consultants                    |     |    |     |     |
| Automation Consultants, International     |     | o  | o   |     |
| Automation Counselors, Inc.               |     | o  | o   | o   |
| Automation, Inc.                          | o   | o  |     |     |
| Automation Intelligence, Inc.             |     | o  |     |     |
| Automation Management Services, Inc. (AM  |     |    |     |     |
| Automation Technology                     |     |    |     |     |
| Automotive Computer Group                 |     |    |     | o   |
| AutoScript, Inc.                          | o   |    |     | o   |
| Auto Tell Services, Inc.                  | o   |    |     |     |

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| Auto-Trol Technology Corp.           |     |    |     | 0   |
| Autovative Computer Extensions, Inc. |     | 0  | 0   |     |
| Auxton Computer Enterprises, Inc.    | 0   | 0  | 0   |     |
| AVANT-GARDE Computing, Inc.          |     |    | 0   |     |
| Avar & Associates                    |     |    |     |     |
| Aviation Information Services, Inc.  |     |    |     |     |
| AVP Systems                          |     | 0  | 0   |     |
| AVTC                                 |     | 0  |     |     |
| AW Computer Systems, Inc.            |     |    |     | 0   |
| Axel Johnson                         |     |    |     |     |
| Axios Group                          |     | 0  | 0   |     |
| Axios Products, Inc.                 |     | 0  |     |     |
| Axxess Information Systems, Inc.     |     |    |     | 0   |
| Ayers-Whitmore                       |     |    | 0   |     |
| Azrex, Inc.                          |     | 0  |     |     |
| Aztech Corporation                   | 0   |    |     | 0   |
| Aztech Data Processing, Inc.         | 0   |    |     |     |
| Babage International Inc.            |     |    | 0   |     |
| Babcock & Wilcox Co.                 |     |    |     |     |
| Baird Corp.                          |     |    |     |     |
| Baird Petrophysical Group            | 0   |    |     |     |
| Bakco Data, Inc.                     |     | 0  |     |     |
| Balance Computer Corporation         |     |    |     | 0   |
| Balcones Computer Corp.              |     | 0  |     |     |
| Bancroft Computer Systems            |     | 0  |     |     |
| Banking Decision Systems             |     | 0  |     |     |

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| Bank of America Business Services     | o   |    |     |     |
| Bank of New England                   |     |    |     |     |
| Bankpro Systems                       |     |    |     |     |
| Banks of Iowa                         |     |    |     |     |
| Banks of Iowa Computer Services, Inc. | o   |    |     |     |
| Barfield Consulting, Inc.             |     |    | o   |     |
| Barkett Computer Services Inc.        |     |    |     |     |
| BaronData Systems, Inc.               |     |    |     | o   |
| Baron Data Systems, Inc.              |     |    |     |     |
| Barrister Information Systems Corp.   |     |    | o   | o   |
| BASF Systems Corporation              |     |    |     |     |
| Basic Byte, Inc.                      |     |    |     |     |
| Basic Solutions                       |     |    |     |     |
| Basys Incorporated                    |     |    | o   |     |
| Battelle Memorial Institute           | o   | o  | o   | o   |
| Battelle Software Products Center     |     |    |     |     |
| Batteries Included, Inc.              |     | o  |     |     |
| Baudville                             |     |    |     |     |
| Baxter Travenol Laboratories, Inc.    |     |    |     |     |
| BBN Communications Corporation        |     |    | o   |     |
| BBN Laboratories Incorporated         |     |    | o   |     |
| BBN Software Products Corporation     |     | o  |     |     |
| BCI, Inc.                             |     |    |     |     |
| BDM International, Inc.               |     |    | o   |     |
| BDR, Inc.                             | o   |    |     |     |
| B/D Software Corporation              |     |    |     | o   |

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| Bedford Software                        |     | 0  |     |     |
| Bell Canada Enterprise                  |     |    |     |     |
| Bellesoft, Inc.                         |     | 0  |     |     |
| Bell & Murphy Associates                | 0   |    | 0   |     |
| Bellwether Corporation                  |     |    | 0   |     |
| Benefacts, Inc.                         | 0   | 0  | 0   |     |
| Benefit Administration Systems, Inc.    |     | 0  |     |     |
| Benetics Corporation                    |     |    |     |     |
| Bennett Software                        |     |    |     |     |
| Benton, Schneider & Associates          |     | 0  | 0   | 0   |
| Berger & Company Information Management |     |    | 0   |     |
| Berge Software                          |     |    |     |     |
| Berman Associates Inc.                  |     | 0  | 0   |     |
| Berton Group Inc.                       |     |    |     |     |
| Berul Associates, Ltd.                  |     |    | 0   |     |
| Best Programs                           |     |    |     |     |
| BETAC Corporation                       |     |    |     |     |
| Betacom, Inc.                           |     |    |     |     |
| Beta Information Systems, Inc.          |     |    |     |     |
| BGS Systems, Inc.                       |     | 0  |     |     |
| Biblios Business Systems, Inc.          |     |    |     |     |
| BIBLOS, Inc.                            |     | 0  | 0   |     |
| Biblos Technology, Inc.                 |     | 0  | 0   |     |
| BICC Systems, Inc.                      |     |    |     |     |
| Bidnet                                  |     |    |     |     |
| Bi-Hex Company                          |     |    |     |     |

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| Bilyeu Systems, Inc.                  |     |    |     |     |
| B.I. Moyle Associates, Inc.           | o   |    | o   |     |
| Binex Corporation                     |     |    |     |     |
| BIS Banking Systems, Inc.             |     | o  | o   |     |
| BIS, Inc.                             |     |    |     |     |
| BISS, Inc.                            |     | o  |     |     |
| Bitek, Inc.                           |     | o  |     | o   |
| B.K. Dynamics                         |     |    | o   |     |
| Blackhawk Data Corporation            |     | o  |     |     |
| Blast (Communications Research Group) |     |    |     |     |
| Bloodstock Research, Inc.             | o   |    |     |     |
| Bluebird Systems                      |     |    |     |     |
| Blyth Software                        |     | o  |     |     |
| BMC Software Inc.                     |     | o  |     |     |
| BMDP Statistical Software, Inc.       |     |    |     |     |
| BMS Computer, Inc.                    |     | o  | o   |     |
| BM Systems                            |     |    |     |     |
| Boeing Company (The)                  |     |    |     |     |
| Boffin, Inc.                          |     | o  | o   | o   |
| Boise Cascade Computing               | o   |    |     |     |
| Bolt, Beranek and Newman Inc.         |     | o  | o   | o   |
| Bonner & Moore Associates             | o   | o  | o   |     |
| Boole & Babbage, Inc.                 |     | o  | o   |     |
| Booz, Allen & Hamilton Inc.           |     |    | o   |     |
| Borland International                 |     | o  |     |     |
| Boss International                    |     | o  |     |     |

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|                                   | PRO | SW | PFS | TKY |
|-----------------------------------|-----|----|-----|-----|
| Boston Documentation Design, Inc. |     |    |     |     |
| Boston Systems Office, Inc.       |     |    |     |     |
| BPI Systems, Inc.                 |     | 0  |     |     |
| BP Resources                      |     |    |     |     |
| BPS Computer Services             | 0   |    | 0   |     |
| Bradford Business Systems, Inc.   |     | 0  |     |     |
| Bradford Information Systems      |     |    |     |     |
| Bradford National Corporation     |     |    |     |     |
| Braegen Corporation               |     |    |     |     |
| Braid Communications              |     |    |     |     |
| Brandon Consulting Group, Inc.    |     |    | 0   |     |
| Brandon Systems Corporation       |     |    | 0   |     |
| Breakthrough Software Corporation |     |    |     |     |
| Briareus Corporation              |     | 0  |     | 0   |
| Bridge, Inc. (The)                |     | 0  |     |     |
| Bristol Information Systems, Inc. |     | 0  |     |     |
| Brittanica Learning Corporation   |     |    |     |     |
| Broadway & Seymour, Inc.          |     | 0  | 0   |     |
| Brock Control Systems, Inc.       |     |    |     | 0   |
| Broderbund Software, Inc.         |     | 0  |     |     |
| Brokerage Systems, Inc.           |     |    | 0   | 0   |
| BRS Computing Inc.                |     |    |     |     |
| BRS Information Technology        | 0   | 0  |     |     |
| Bruce Bell and Associates         |     | 0  |     |     |
| Bruning CAD                       |     |    |     | 0   |
| Bruzaud Associates                |     |    |     |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| BSA Turnkey Corporation                |     |    | 0   | 0   |
| BST Consultants, Inc.                  |     |    |     |     |
| BUC International Corp.                |     |    |     |     |
| Budget Timeshare Inc.                  | 0   | 0  | 0   |     |
| Bunker Ramo Information Systems        | 0   |    |     |     |
| Bureau of National Affairs, Inc.       |     |    |     |     |
| Burkhalter & Company                   |     |    |     |     |
| Burroughs Corporation                  |     |    |     |     |
| Business Computer Design, Inc.         |     | 0  |     |     |
| Business Computer Solutions, Inc.      |     | 0  | 0   | 0   |
| Business Computer Systems              |     |    |     |     |
| Business Computing International, Inc. |     |    |     |     |
| Business Controls Corporation (BCC)    |     | 0  |     |     |
| Business Data Services, Inc.           |     |    |     | 0   |
| Business Equipment House, Inc.         |     |    |     |     |
| Business Information Services          | 0   |    |     |     |
| Business Information Systems, Inc.     |     | 0  | 0   |     |
| Business Intelligence Services, Inc.   |     | 0  | 0   |     |
| Business Intelligence Services, Ltd.   |     |    |     |     |
| Business Library Corporation           |     | 0  |     |     |
| Business Management Systems, Inc.      |     | 0  |     | 0   |
| Business Model Systems                 |     |    |     |     |
| Business Operating Software, Inc.      |     | 0  |     |     |
| Business & Professional Software, Inc. |     | 0  |     |     |
| Business Records Corporation           |     |    |     |     |
| Business Software, Inc.                |     |    |     |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Business Software Technology, Inc.       |     | 0  | 0   |     |
| Business Systems, Inc.                   |     |    |     |     |
| Business Systems International, Inc.     |     | 0  |     |     |
| Business Systems Resources               |     | 0  |     |     |
| Butler Computer Graphics                 |     | 0  | 0   |     |
| Butler & Curless Associates, Inc.        |     | 0  |     |     |
| Buypass                                  | 0   |    |     |     |
| Byad, Inc.                               |     |    |     |     |
| Bytel Corporation                        |     | 0  |     |     |
| C3, Inc.                                 |     |    |     | 0   |
| Cable Applications, Inc.                 |     |    |     |     |
| CableData                                | 0   |    |     | 0   |
| Cache Data Product Distributors          |     |    |     |     |
| CACI, Inc.                               |     |    | 0   |     |
| Cactus Software, Inc.                    |     |    |     |     |
| CADAM Inc.                               |     | 0  |     |     |
| Cad Design Systems, Inc. (CDSI)          |     | 0  |     | 0   |
| CADLINC, Inc.                            |     |    |     | 0   |
| Cadnetix Corporation                     |     |    |     |     |
| Caelus Associates, Inc.                  |     |    |     | 0   |
| Caetec Software, Inc.                    |     |    |     |     |
| Calculon Corporation                     |     |    | 0   |     |
| Calculon (U.S.) Corporation              |     |    | 0   |     |
| California Computer Products, Inc. (Calc |     |    |     |     |
| California Computer Timesharing, Inc.    |     |    |     |     |
| California Interactive Computing, Inc.   | 0   | 0  | 0   | 0   |

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|                                     | PRO | SW | PFS | TKY |
|-------------------------------------|-----|----|-----|-----|
| California Software, Inc.           |     | o  |     |     |
| California Software Products, Inc.  |     | o  |     |     |
| Calma Company                       |     |    |     | o   |
| CAL MICRO                           |     |    |     |     |
| Calspan Corp.                       | o   |    | o   |     |
| Calvin P. Allyn & Associates        | o   |    | o   |     |
| Camax Systems, Inc.                 |     |    |     | o   |
| Cambar Business Systems, Inc.       |     | o  |     |     |
| Cambell Services, Inc.              |     | o  |     |     |
| Cambridge Careers Products, Inc.    |     | o  |     |     |
| Cambridge Computer Associates, Inc. |     | o  |     |     |
| Cambridge Systems Group             |     | o  |     |     |
| Camex                               | o   |    |     |     |
| Canaan Computer Corporation         | o   |    |     |     |
| Canada Systems Group Limited        |     |    |     |     |
| Candle Corporation                  |     | o  |     |     |
| Canton Automated Systems            |     |    |     |     |
| Cape Data, Inc.                     |     | o  |     |     |
| CAP Gemini America                  |     |    |     |     |
| CAP Gemini Software Products, Inc.  |     | o  |     |     |
| CAP Gemini Sogeti                   |     |    |     |     |
| CAP Information Systems, Inc.       |     |    | o   |     |
| Capital Systems Group, Inc.         |     | o  | o   | o   |
| Capital Systems, Inc.               |     |    |     |     |
| CAPSCO Software International       | o   | o  | o   |     |
| Captron, Inc.                       |     |    |     |     |

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|                                      | PRO | SW | PFS | TKY |
|--------------------------------------|-----|----|-----|-----|
| CARA Corporation                     |     |    | 0   |     |
| Cardinal Data Systems, Inc.          |     | 0  | 0   | 0   |
| Care Computer Systems                | 0   |    | 0   | 0   |
| Care Information Systems, Inc.       |     | 0  |     | 0   |
| Carleton Corporation                 |     | 0  | 0   |     |
| Carlson Marketing Group              |     |    |     |     |
| Carnegie Group, Inc.                 |     |    | 0   |     |
| CARS Information Systems Corporation |     | 0  |     | 0   |
| Cascade Graphics Systems             |     | 0  |     |     |
| Case Technology, Inc.                |     |    |     |     |
| Casher Associates, Inc.              |     | 0  | 0   | 0   |
| CASI                                 |     | 0  |     |     |
| Cass Commercial Corporation          |     |    |     |     |
| Cass Information Systems, Inc.       | 0   |    |     |     |
| Catalyst, U.S.A., Inc.               |     |    |     | 0   |
| Catalytix Corporation                |     | 0  |     |     |
| Catronix Corporation                 |     | 0  | 0   | 0   |
| CCA Uniworks, Inc.                   |     | 0  |     |     |
| CCG Systems, Inc.                    |     | 0  |     |     |
| CCH Computax, Inc.                   | 0   |    |     |     |
| CCX Network, Inc.                    | 0   |    |     | 0   |
| CDEX Corp.                           |     | 0  |     |     |
| CDI Information Systems, Inc.        |     |    |     |     |
| CDI Systems, Inc.                    |     | 0  |     |     |
| CDP Consultants                      |     |    |     |     |
| CD Systems, Inc.                     |     | 0  |     |     |

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|   | PRO | SW | PFS | TKY |
|---|-----|----|-----|-----|
| Celestial Software, Inc.                |     |    | o   | o   |
| Celina Financial Corporation            |     |    |     |     |
| Cellular Pay Phone, Inc.                |     |    |     |     |
| Centec Corporation                      |     | o  |     | o   |
| Center for Computer Systems, Inc. (The) |     |    |     | o   |
| Central Computer Systems, Inc.          |     |    |     |     |
| Century Analysis, Inc.                  |     | o  |     |     |
| Cericor, Inc.                           |     |    |     |     |
| Cerritos Computer Services              |     |    |     |     |
| Certified Collateral Corporation        | o   |    |     |     |
| CFS, Inc.                               |     | o  |     |     |
| CGA Computer, Inc.                      |     | o  | o   |     |
| CGS Computer Associates, Inc.           |     |    | o   |     |
| CGX Corporation                         |     |    |     |     |
| Chain Store Systems, Ltd.               |     | o  |     |     |
| Champion Service Corporation            | o   |    |     |     |
| Champion Software                       |     |    |     |     |
| Charles, Mann & Associates              |     | o  | o   | o   |
| Charles River Data Systems, Inc.        |     |    |     |     |
| Chase Manhattan Bank                    |     |    |     |     |
| Chase Systems                           |     | o  |     |     |
| Chase Trans-Info, Inc.                  | o   |    |     |     |
| Chemical Abstracts Services (CAS)       |     |    |     |     |
| ChemShare Corporation (The)             |     | o  |     |     |
| Cherry, Bekaert & Holland               |     |    |     |     |
| Chicago-Soft, Ltd.                      |     | o  | o   |     |

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|---|-----|----|-----|-----|
| CHI/COR Information Management, Inc.      |     | 0  | 0   |     |
| CHI Corporation                           |     |    |     |     |
| CHI/Culler-Harrison Systems, Inc.         |     |    |     |     |
| Chilton Corporation                       | 0   |    |     | 0   |
| Christensen Computer Company, Inc.        |     | 0  | 0   | 0   |
| Chronicle Videotex, Inc.                  |     |    |     |     |
| Chuck Atkinson Programs                   |     | 0  |     |     |
| Cibar, Inc.                               |     |    | 0   |     |
| CIGNA Corporation                         |     |    |     |     |
| Cincinnati Bell, Inc.                     |     |    |     |     |
| Cincinnati Bell Information Systems, Inc. | 0   | 0  | 0   |     |
| Comcom Systems, Inc.                      |     | 0  |     |     |
| Cipherlink Corporation                    |     | 0  |     |     |
| Circle Computer Services                  |     |    |     |     |
| CISInetwork Corporation                   |     |    |     |     |
| Citicorp Information Resources            | 0   | 0  |     | 0   |
| Citizens Financial Corporation            | 0   |    |     |     |
| City National Bank                        |     |    |     |     |
| Clarity Software Corporation              |     | 0  |     |     |
| CLAR-TEC Financial Systems, Inc.          |     | 0  |     |     |
| Classic Image, Inc.                       |     | 0  |     |     |
| Cleveland Consulting Associates           |     | 0  | 0   |     |
| Cliff Data Systems                        |     | 0  | 0   | 0   |
| C & L Systems                             |     | 0  |     | 0   |
| C.L. Systems, Inc.                        |     |    |     | 0   |
| C.M. Computers, Inc.                      |     | 0  | 0   | 0   |

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|                                       | PRO | SW | PFS | TKY |
|---------------------------------------|-----|----|-----|-----|
| CMD Systems International, Inc.       |     |    |     |     |
| CMP Publications, Inc.                |     |    |     |     |
| CMS Management Consultants            | o   | o  | o   |     |
| CMV Software Specialists, Inc.        |     |    |     |     |
| Coastal Information Systems, Inc.     |     | o  | o   | o   |
| Cobrasoft, Inc.                       | o   | o  | o   | o   |
| Code Writer                           |     | o  |     |     |
| Cogitate, Inc.                        |     | o  | o   | o   |
| Cogito Data Systems, Inc.             | o   |    |     | o   |
| Cognitive Systems, Inc.               |     |    |     |     |
| Cognos Incorporated                   |     | o  | o   |     |
| COIN Financial Systems                |     |    |     | o   |
| Cole-Layer-Trumble Company            |     | o  | o   |     |
| Collier - Jackson, Inc.               |     | o  | o   | o   |
| Colt Industries                       |     |    |     |     |
| Columbia Computing Services           |     | o  |     |     |
| Comarco, Inc.                         | o   |    | o   | o   |
| Comdata Network, Inc.                 | o   |    |     |     |
| Command Control & Communication Corp. |     |    | o   | o   |
| Command Data Systems                  |     | o  |     |     |
| Command Software Systems, Inc.        |     | o  |     |     |
| Command Technology Corporation        |     | o  |     |     |
| Com-Med Division                      |     |    |     |     |
| Commercial Logic, Inc.                |     |    |     | o   |
| Commercial On-Line Systems            |     |    |     |     |
| Commercial Resources                  | o   | o  |     |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Commercial Software, Inc.                |     | 0  |     |     |
| Commercial Systems Laboratories, Inc.    |     |    |     |     |
| Communication Sciences, Inc.             |     |    |     |     |
| Communications Software, Inc.            |     | 0  | 0   | 0   |
| Communications Solutions, Inc.           |     | 0  | 0   |     |
| Communications Studies & Planning Intern |     |    | 0   |     |
| Communicator Assistance Systems, Inc.    |     | 0  | 0   |     |
| COMNET Corporation                       | 0   | 0  |     |     |
| Compass Software, Inc.                   |     | 0  | 0   |     |
| Compco, Inc.                             | 0   | 0  |     |     |
| CompInfo, Inc.                           |     | 0  | 0   | 0   |
| Complete Computer Systems                |     |    |     |     |
| Comprehensive Software                   |     | 0  |     |     |
| Compro Financial Systems, Inc.           |     | 0  | 0   |     |
| Compset                                  | 0   | 0  | 0   | 0   |
| Comptek Research, Inc.                   |     |    | 0   | 0   |
| Comp-U-Card International, Inc.          | 0   |    |     |     |
| Compucare, Inc.                          |     | 0  | 0   | 0   |
| Comp-U-Check, Inc.                       | 0   |    |     |     |
| Compucraft Systems Ltd.                  |     |    | 0   |     |
| Compudyne, Inc.                          | 0   | 0  |     |     |
| Compufact                                |     |    |     | 0   |
| Compugraphic Corporation                 |     |    |     | 0   |
| Compu-Link Corp.                         | 0   | 0  |     |     |
| CompuMed/Systemedics                     |     |    |     |     |
| Compupower Corp.                         | 0   |    | 0   |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| CompuServe Incorporated                  | 0   |    |     |     |
| Compu-Share, Inc.                        |     |    |     |     |
| Comp-u-Staff, Inc.                       |     |    | 0   |     |
| COMPUTAB, Inc.                           | 0   |    | 0   |     |
| Computech                                |     |    | 0   |     |
| Computech Systems, Inc.                  |     | 0  | 0   |     |
| Computer Aided Manufacturing - Internati |     |    | 0   |     |
| Computer Application Services, Inc.      |     | 0  | 0   |     |
| Computer Applications, Inc.              |     | 0  | 0   |     |
| Computer Application Specialist          |     | 0  | 0   | 0   |
| Computer Applications Tomorrow           |     |    |     |     |
| Computer Assistance International, Inc.  | 0   | 0  | 0   |     |
| Computer Associates International, Inc.  |     | 0  |     |     |
| Computer Cognition                       |     | 0  |     |     |
| Computer Company (The)                   | 0   |    | 0   |     |
| Computer Concepts & Services, Inc.       |     | 0  | 0   | 0   |
| Computer Consoles, Inc.                  |     |    |     | 0   |
| Computer Consulting Center, Inc. (The)   |     | 0  | 0   |     |
| Computer Consulting & Conversions, Inc.  |     |    | 0   |     |
| Computer Corporation of America          | 0   | 0  | 0   | 0   |
| Computer Cost Control Corporation        | 0   | 0  |     | 0   |
| Computer Covenant Corporation            |     | 0  |     |     |
| Computercraft Services, Inc.             | 0   |    |     |     |
| Computer Curriculum Corporation          |     |    |     | 0   |
| Computer Data Processing, Inc.           | 0   |    |     |     |
| Computer Data Systems, Inc.              | 0   |    | 0   |     |

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|--|-----|----|-----|-----|
| Computer Development Inc.                |     |    |     |     |
| Computer Development Services, Inc.      |     | o  |     |     |
| Computer Dynamics, Inc.                  |     |    | o   |     |
| Computer Entry Systems Corporation       | o   | o  | o   | o   |
| Computer Financial Services              |     |    | o   |     |
| Computer Generation, Inc.                |     |    |     |     |
| Computer Graphics of Arizona, Inc.       | o   |    |     |     |
| Computer Horizons Corporation            |     |    | o   |     |
| Computer Identities Corporation          |     |    |     | o   |
| Computer Information Systems             | o   | o  |     | o   |
| Computer Innovations                     |     | o  |     |     |
| Computer Input Corporation               | o   | o  |     |     |
| Computer Intelligence Corporation        | o   |    |     |     |
| Computer Interactive Computing, Inc.     | o   | o  | o   | o   |
| Computerized Business Systems            |     |    |     |     |
| Computerized Forms Management, Inc.      |     | o  |     |     |
| Computerized Lodging Systems, Inc.       |     |    |     | o   |
| Computerized Management Decisions, Inc.  |     |    |     |     |
| Computerized Office Services, Inc. (COSI |     | o  | o   |     |
| Computer Language Research, Inc.         | o   | o  |     | o   |
| Computer Library                         |     |    | o   |     |
| Computer Management Corporation          |     |    |     |     |
| Computer Mart, Inc.                      |     | o  |     | o   |
| Computer Merchant, Ltd. (The)            |     | o  | o   |     |
| Computer Modules, Inc.                   |     |    |     | o   |
| Computer Multiple Listing Service        |     | o  |     |     |

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|--|-----|----|-----|-----|
| Computer Network Corporation             |     |    |     |     |
| Computer Network Division                |     |    |     |     |
| Computer Partners, Inc.                  |     |    | 0   |     |
| Computer Payroll Company                 | 0   |    | 0   |     |
| Computer Power, Inc.                     | 0   | 0  | 0   |     |
| Computer Processing Institute, Inc.      |     |    | 0   |     |
| Computer Publication Retailer            |     |    |     |     |
| Computer Representatives, Inc.           |     | 0  |     |     |
| Computer Research, Inc.                  | 0   |    |     | 0   |
| Computer Sciences Corporation            | 0   |    | 0   |     |
| Computer Services Associates             |     |    | 0   |     |
| Computer Services Company                | 0   | 0  |     | 0   |
| Computer Services, Inc.                  | 0   | 0  |     |     |
| Computer Software Consultants Inc.       |     |    | 0   |     |
| Computer Software Design                 | 0   | 0  |     |     |
| Computer & Software Education Company    |     |    |     |     |
| Computer Software for Professionals, Inc |     | 0  | 0   |     |
| Computer Support Services, Inc.          |     |    |     |     |
| Computer Synergy, Inc.                   |     |    | 0   | 0   |
| Computer Task Group, Inc.                | 0   | 0  | 0   | 0   |
| Computer Technology Center               |     |    |     |     |
| Computer Technology Group                |     |    | 0   |     |
| Computer Technology, Inc.                |     | 0  | 0   |     |
| Computervision Corporation               |     |    |     | 0   |
| Computerware                             |     |    |     |     |
| Computerwise, Inc.                       |     |    |     |     |

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| Computing Applications Software Technolo |     | o  | o   |     |
| Computing Canada                         |     |    |     |     |
| Computing Technicians Corporation        |     | o  | o   |     |
| Computone Systems Incorporated           | o   | o  |     |     |
| Computoservice, Inc.                     |     | o  |     |     |
| CompuTrac, Inc.                          |     |    | o   | o   |
| Computron Technologies Corp.             |     |    |     |     |
| CompuView                                |     | o  |     |     |
| Compuware Corporation                    |     | o  | o   |     |
| Comsell, Inc.                            | o   |    |     |     |
| Comserv Corporation                      | o   | o  | o   |     |
| Comshare Inc.                            | o   | o  | o   |     |
| Comsul, Ltd.                             |     |    |     |     |
| Comtech Systems, Inc.                    |     |    | o   |     |
| Comvestrix Corporation                   | o   |    |     |     |
| Concentric Data Systems, Inc.            |     | o  |     |     |
| Concept Omega Corporation                |     | o  |     |     |
| Concept Systems, Inc.                    |     |    |     | o   |
| Concord Data Systems, Inc.               |     | o  |     |     |
| Concord Management Systems, Inc.         |     | o  |     | o   |
| Concourse Research                       |     |    |     |     |
| Concurrent Computer Corporation          |     |    |     |     |
| Condor Computer Corporation              |     | o  |     |     |
| Conductor Software, Inc.                 |     | o  |     |     |
| Conetic Systems, Inc.                    |     | o  |     |     |
| Consco Enterprises, Inc.                 |     | o  |     |     |

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| Considine Computing Services             |     |    |     |     |
| Consolidated Computer Corporation        |     |    |     |     |
| Consolidated Health Care                 |     |    |     |     |
| Consolidated Information Company         |     | o  |     |     |
| Constell Group (The), Inc.               |     |    | o   |     |
| Construction Data Control, Inc.          |     | o  |     |     |
| Consultant Systems, Inc.                 |     | o  |     |     |
| Consultec                                |     |    | o   |     |
| Consulting Team Inc.                     |     |    | o   |     |
| Consumer Systems Corporation             |     | o  |     |     |
| Contel Corporation                       | o   | o  | o   |     |
| Contel Data Services Corporation         | o   | o  | o   |     |
| Contel Information Systems, Inc.         |     |    | o   |     |
| Context Management Systems               |     |    |     |     |
| Continental Data Processing, Inc.        | o   |    |     | o   |
| Continental Software Company             |     |    |     |     |
| Continuum Company, Inc. (The)            | o   | o  | o   |     |
| Contractors Management Systems           |     | o  |     |     |
| Contrax Systems, Inc.                    |     | o  | o   | o   |
| Control Data Business Services Group     |     |    |     |     |
| Control Data Computer Systems and Servic |     |    |     |     |
| Control Data Corporation                 | o   | o  | o   | o   |
| Convergent Business Systems, Inc.        |     |    |     |     |
| Convergent, Inc.                         |     |    |     |     |
| Conversant Software Corporation          |     |    |     |     |
| Cook Data Services, Inc.                 | o   | o  |     |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Coopers & Lybrand                        |     | 0  | 0   |     |
| Corbel & Co.                             | 0   |    |     |     |
| Cordatum, Inc.                           |     | 0  | 0   |     |
| Cordura Corporation                      |     | 0  | 0   |     |
| Cornell Computer Corporation             |     |    | 0   |     |
| Cornwell, Robert Associates              |     |    |     |     |
| Corodale, Inc.                           |     |    |     |     |
| Corporate Software, Inc.                 |     | 0  | 0   |     |
| Corporate Systems                        | 0   |    | 0   |     |
| Corporate-TECH Planning, Inc.            |     |    | 0   |     |
| Corstar Business Computing Company, Inc. |     |    | 0   | 0   |
| CorSTAR, Inc.                            |     |    | 0   |     |
| COSI, Inc.                               |     | 0  | 0   |     |
| Cosmoc, Inc.                             |     |    |     |     |
| Cosmos Inc.                              |     | 0  |     |     |
| Cosyde Corporation                       |     | 0  |     |     |
| Courseware, Inc.                         |     | 0  | 0   |     |
| CRC Information Systems, Inc.            | 0   |    | 0   |     |
| Creative Computing Company               |     |    |     |     |
| Creative Data Systems                    |     | 0  |     | 0   |
| Creative Management Systems, Inc.        | 0   | 0  |     |     |
| Creative Processing Systems              | 0   |    |     |     |
| Credit Card Software, Inc.               | 0   |    |     |     |
| Creditware                               |     | 0  |     |     |
| Crichlow Data Sciences Inc.              |     |    |     |     |
| CRI, Inc.                                |     |    |     |     |

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|                                  | PRO | SW | PFS | TKY |
|----------------------------------|-----|----|-----|-----|
| Crowntek Communications, Inc.    | 0   |    | 0   |     |
| Crowntek, Inc.                   | 0   | 0  | 0   |     |
| Crownx, Inc. CANADA              |     |    |     |     |
| CR Software, Inc.                |     | 0  |     |     |
| C-S Computer Systems, Inc.       | 0   | 0  | 0   |     |
| CS Laboratories, Inc.            |     | 0  |     |     |
| C & S Systems, Inc.              |     | 0  |     |     |
| CTEC                             |     |    |     |     |
| C Tek Software, Inc.             |     | 0  | 0   |     |
| Cubicomp                         |     |    |     |     |
| Cullinet Software, Inc.          |     | 0  |     |     |
| Culverin Corporation             |     | 0  | 0   |     |
| Custom Business Systems, Inc.    |     | 0  |     |     |
| Cutler-Williams                  |     | 0  | 0   |     |
| Cway Software                    |     | 0  |     |     |
| C & W Incotel, Inc.              |     | 0  | 0   |     |
| CXI, Inc.                        |     |    |     |     |
| Cybernetics Resource Corporation |     |    |     |     |
| Cybernetics & Systems, Inc.      | 0   |    | 0   |     |
| CYBERTEK Computer Products, Inc. | 0   | 0  | 0   |     |
| Cyborg Systems, Inc.             |     | 0  |     |     |
| CyCare Systems, Inc.             | 0   |    | 0   | 0   |
| Cycom Corporation                |     |    |     | 0   |
| CYGNA Communications             |     |    | 0   |     |
| Cygnat Technologies, Inc.        |     |    |     |     |
| CYMA Corp.                       |     |    |     |     |

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|                                     | PRO | SW | PFS | TKY |
|-------------------------------------|-----|----|-----|-----|
| Cymbol-Cybernetics Corporation      |     |    |     |     |
| Cytrol, Inc.                        |     | o  | o   |     |
| Dagar/Software Development Corp.    |     | o  |     |     |
| Daisy Systems Corporation           |     |    |     | o   |
| Dalgety, Inc.                       |     |    | o   |     |
| Daly & Wolcott                      |     |    |     |     |
| DAMA Telecommunications Corporation |     |    |     |     |
| Danya Communications                |     |    |     |     |
| DARCOR                              |     |    |     |     |
| Dash Group, Inc.                    |     |    |     |     |
| Dastra America, Inc.                |     | o  |     |     |
| Data 3 Systems, Inc.                |     | o  |     |     |
| Data Access Corporation             |     | o  |     |     |
| Data Architects, Inc.               |     | o  | o   |     |
| Data Automation                     |     | o  |     |     |
| Databar Corporation                 |     |    |     |     |
| Database Design, Inc.               |     |    |     |     |
| Data Base Management, Inc.          |     | o  | o   |     |
| Database Technology Corporation     |     | o  |     |     |
| Datability Software Systems, Inc.   |     | o  |     |     |
| Databill, Inc.                      |     | o  |     |     |
| Datacare, Inc.                      | o   | o  | o   |     |
| Data Communications Corporation     |     | o  |     |     |
| Datacomp Corporation                | o   |    |     |     |
| Data Computing Corporation          | o   |    |     |     |
| DataCom Systems Corp.               |     | o  |     |     |

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|---------------------------------|-----|----|-----|-----|
| Data Consultants, Inc.          |     |    | o   |     |
| Data Control Corporation        | o   | o  |     |     |
| Datacopy Corporation            |     |    |     | o   |
| Datacorp Business Systems, Inc. |     | o  | o   |     |
| Datacount Corporation           | o   |    |     |     |
| Datacrown, Inc.                 |     |    |     |     |
| Data Decisions, Inc.            |     |    |     |     |
| Data Design Associates, Inc.    |     | o  |     |     |
| DataEase International, Inc.    |     | o  |     |     |
| Data Flow, Inc.                 | o   | o  |     |     |
| Data Force, Inc.                |     |    |     |     |
| Data General Corporation        |     | o  | o   | o   |
| DatagraphiX, Inc.               |     |    |     |     |
| Data Group Corporation (The)    |     |    |     |     |
| Datagroup, Ltd.                 |     |    |     |     |
| Data, Inc.                      |     |    |     |     |
| Data Kinetics                   |     | o  |     |     |
| Data Language Corporation       |     | o  |     |     |
| Data Law Company                |     | o  |     |     |
| Datalex, Inc.                   |     | o  |     |     |
| Datalift Corporation            | o   |    |     |     |
| Dataline Corporation            |     |    |     | o   |
| Datalink Systems, Inc.          |     |    |     |     |
| Datalogics                      |     |    | o   |     |
| Data Management, Inc.           |     |    |     |     |
| Data Management Systems         | o   |    |     |     |

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|                                       | PRO | SW | PFS | TKY |
|---------------------------------------|-----|----|-----|-----|
| Datamap, Inc.                         | o   |    |     |     |
| Datamate Co.                          |     | o  |     |     |
| DataMed Systems Corporation           |     |    |     |     |
| Data Mension                          |     |    |     |     |
| Datametrics Systems Corporation       |     | o  | o   |     |
| Data Networking Services              |     |    |     |     |
| Dataplex Company                      |     |    |     |     |
| Dataplotting Services Inc.            | o   | o  | o   | o   |
| Data Processing & Accounting Services | o   |    |     |     |
| Data Processing Center, Inc.          | o   |    |     |     |
| Data Processing Services, Inc.        | o   |    |     |     |
| Data Processing Support Corporation   |     |    | o   |     |
| Data Relationships Software, Inc.     |     | o  |     |     |
| Data Securities International, Inc.   |     |    | o   |     |
| Data Sources                          |     |    |     |     |
| Data Support Corporation              |     |    |     |     |
| Data Systems Corporation              | o   |    | o   | o   |
| Data Systems for Industry             |     | o  | o   | o   |
| Data Systems, Inc.                    |     |    |     |     |
| Data Systems, Inc.                    |     |    |     |     |
| Data Systems, Inc.                    |     | o  |     | o   |
| Data Systems Of North Florida, Inc.   | o   | o  | o   |     |
| Datatab, Inc.                         | o   |    |     |     |
| Data-Tax, Inc.                        |     | o  |     |     |
| Data-Tek Corp.                        |     |    |     |     |
| Datatel Inc.                          |     | o  |     | o   |

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|                                    | PRO | SW | PFS | TKY |
|------------------------------------|-----|----|-----|-----|
| DataTen Corporation                | 0   | 0  |     |     |
| Datatext                           |     |    |     |     |
| Data Times                         | 0   |    |     |     |
| DataTrak, Inc.                     |     | 0  |     |     |
| Data Translation, Inc.             |     |    |     |     |
| Data-Tronics Corporation           |     | 0  |     |     |
| Data Works Corporation             | 0   | 0  | 0   | 0   |
| Datronics, Inc.                    |     |    | 0   |     |
| David Corporation                  |     | 0  |     | 0   |
| Davidson & Associates, Inc         |     | 0  |     |     |
| Davis, Thomas and Associates       |     | 0  | 0   |     |
| Dawson Geophysical Co.             | 0   |    |     |     |
| Dayflo, Inc.                       |     | 0  |     |     |
| DBA Systems, Inc.                  |     |    | 0   |     |
| D&B Computing Services, Inc.       | 0   |    |     |     |
| DBI Software Products              |     |    |     |     |
| DBMS, Inc.                         |     | 0  | 0   |     |
| DBSI Information Systems           |     | 0  | 0   | 0   |
| Decimus Data Service Corporation   | 0   |    |     |     |
| Decision Consultants Inc.          |     |    | 0   |     |
| Decision Data Computer Corporation |     |    |     |     |
| Decision Focus, Inc.               |     |    |     |     |
| Decision Point, Inc.               |     | 0  |     |     |
| Decision Sciences Corporation      | 0   | 0  | 0   | 0   |
| Decisions Development, Inc.        |     | 0  |     |     |
| Decision Strategies, Inc.          |     |    |     |     |

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|---|-----|----|-----|-----|
| Decision Strategy Corporation           |     |    |     |     |
| DecisionWare, Inc.                      |     | o  |     |     |
| Deeresoft, Inc.                         |     | o  |     |     |
| De Faro Software Systems, Inc.          |     | o  | o   |     |
| Deijon, Inc.                            |     |    |     |     |
| Deloitte, Haskins & Sells               |     |    | o   |     |
| Delphi Information Sciences Corporation |     |    |     | o   |
| Delphi Information Systems, Inc.        |     |    |     | o   |
| Delphi Systems, Inc.                    |     | o  | o   |     |
| Deltacom Incorporated                   |     |    |     |     |
| Deltak                                  |     | o  | o   |     |
| Delta Software Systems                  |     |    |     |     |
| Delta Technology International, Inc.    |     | o  |     |     |
| DELTEK Systems, Inc.                    |     | o  |     |     |
| Deluxe Data Systems, Inc.               | o   | o  | o   |     |
| Design and Programming Services, Inc.   |     | o  | o   |     |
| Design Consultants, Inc. (DCI)          |     |    |     |     |
| Designed Applications                   |     | o  |     |     |
| DesignWare                              |     | o  |     |     |
| Desk Top Financial Solutions, Inc.      |     | o  |     |     |
| development systems international       |     |    | o   |     |
| DGC, Inc.                               |     |    |     |     |
| Dialcom, Inc.                           | o   |    |     |     |
| DIALOG Information Services, Inc.       | o   |    |     |     |
| Dialogue, Inc.                          | o   | o  |     |     |
| Diebold Group (The)                     |     |    |     |     |

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|--|-----|----|-----|-----|
| Digicon Inc.                             | 0   |    |     | 0   |
| DIGINETICS, Inc.                         |     |    |     | 0   |
| Digital Communications Associates, Inc.  |     |    |     |     |
| Digital Concepts, Inc.                   |     |    |     |     |
| Digital Design & Development, Inc.       |     |    | 0   | 0   |
| Digital Equipment Corporation            |     | 0  | 0   |     |
| Digital Information Systems Corporation  |     |    |     |     |
| Digital Learning Systems, Inc.           |     | 0  |     |     |
| Digital Management Group, Ltd.           |     | 0  | 0   |     |
| Digital Microsystems                     |     |    |     |     |
| Digital Release                          |     |    |     |     |
| Digital Research, Inc.                   |     | 0  |     | 0   |
| Digital Systems, Inc.                    |     | 0  |     |     |
| Dimis, Inc.                              |     | 0  |     |     |
| Direct Aid                               |     | 0  |     |     |
| DirecTech, Inc.                          | 0   | 0  | 0   | 0   |
| Direct, Inc.                             |     |    |     | 0   |
| DISC, Inc.                               |     | 0  |     |     |
| Disclosure                               | 0   |    |     |     |
| DIS Corporation                          |     |    | 0   | 0   |
| Dispensa-Matic                           |     |    |     |     |
| Display Data Corporation                 |     |    |     | 0   |
| Distributed Planning Systems Corporation |     | 0  |     |     |
| Distribution Management Systems, Inc.    |     | 0  |     |     |
| Distribution Management Systems, Inc.    |     | 0  | 0   | 0   |
| Distribution Sciences, Inc.              | 0   | 0  |     |     |

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|---|-----|----|-----|-----|
| Diversified Data Systems, Inc.          |     | o  | o   |     |
| DLM Teaching Resources                  |     |    |     |     |
| DMR & Associates Ltd.                   |     |    | o   |     |
| DMW Group (The), Inc.                   |     | o  | o   |     |
| Documentation Resources, Inc.           |     |    |     |     |
| Dorsett Educational Systems, Inc.       |     | o  |     |     |
| Double Gold Software                    |     |    |     |     |
| Dow Jones Information Services Group    | o   | o  |     |     |
| D-Pict                                  |     |    |     |     |
| Dragon Systems, Inc.                    |     | o  |     |     |
| Dr. Dobb's Journal                      |     |    |     |     |
| DSD Corporation                         |     | o  |     |     |
| DSI Data Spectrum                       |     | o  | o   |     |
| D & S Systems, Inc.                     | o   | o  | o   | o   |
| DST Systems, Inc.                       | o   |    |     |     |
| DTSS Incorporated                       | o   | o  | o   |     |
| Ducommun Electronics Group              |     |    |     |     |
| DunsPlus, Inc.                          |     |    |     |     |
| Duquesne Systems, Inc.                  |     | o  |     |     |
| DVC Industries, Inc.                    |     |    |     |     |
| DYATRON Corporation                     | o   | o  | o   | o   |
| Dyer, Wells and Associates, Inc.        |     | o  |     |     |
| Dylakor                                 |     | o  |     |     |
| Dynacomp, Inc.                          |     | o  |     |     |
| Dynalectron Corporation                 |     |    | o   |     |
| Dynamic Microprocessor Associates, Inc. |     | o  |     |     |

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|                                       | PRO | SW | PFS | TKY |
|---------------------------------------|-----|----|-----|-----|
| Dynamics Research Corporation         | o   |    | o   |     |
| Dynamic Time Systems, Inc.            |     |    |     | o   |
| Dynatax Systems, Inc.                 |     |    |     |     |
| Dynaware                              |     | o  |     |     |
| Dynax Resources, Inc.                 |     |    | o   |     |
| Eagle Software, Inc.                  |     |    |     |     |
| Eagle Software Publishing, Inc.       |     |    |     |     |
| Eastern Design Co., Inc.              |     |    | o   |     |
| Eastern Software Products             |     |    |     |     |
| Eastern States Bankcard Associates    | o   |    |     |     |
| EBS Data Processing Inc.              |     |    |     |     |
| ECAD, Inc.                            |     | o  | o   |     |
| ECOM Systems, Inc.                    |     | o  |     |     |
| Economica, Inc.                       |     | o  | o   |     |
| Economic Science Corporation          |     | o  | o   |     |
| Eden Systems Corporation              |     |    |     |     |
| Edgewood Systems                      |     | o  | o   |     |
| EDI, Inc.                             |     |    |     |     |
| EDP Systems, Inc.                     | o   | o  |     | o   |
| EECO Computer Inc.                    |     |    |     | o   |
| EECO, Incorporated                    |     |    |     |     |
| Effective Management Systems, Inc.    |     |    |     | o   |
| EGT, Inc.                             |     | o  | o   | o   |
| ELCOMP Systems, Inc.                  |     | o  | o   |     |
| Electrocon International Incorporated |     | o  |     |     |
| Electronic Banking Systems            |     |    |     |     |

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| Electronic Business                      |     |    |     |     |
| Electronic Catalog, Inc.                 | o   |    |     |     |
| Electronic Data Systems Corporation      | o   |    | o   | o   |
| Electronic Processors, Limited (EPL)     | o   | o  |     |     |
| Electronic Tabulating Corporation        |     |    |     |     |
| Elite Data Processing                    |     | o  |     | o   |
| Elke Corporation                         |     | o  | o   |     |
| EMA Technologies                         |     | o  | o   |     |
| Emerging Technology Consultants, Inc.    |     | o  |     |     |
| Endata, Inc.                             | o   | o  |     | o   |
| Enercom, Inc.                            |     |    |     |     |
| Energy, Inc.                             | o   | o  | o   | o   |
| Enertronics Research, Inc.               |     | o  |     |     |
| Engineered Systems & Development Corpora |     |    |     |     |
| Engler Vehicle Management Systems        |     |    |     | o   |
| Enigma Logic                             |     |    |     |     |
| Environmental Systems Research Institute |     | o  | o   | o   |
| Environmental Treatment & Technologies C |     |    |     |     |
| Envoy Corporation                        | o   |    |     |     |
| Envoy Systems Corporation                |     |    |     | o   |
| Epsilon Data Management, Inc.            | o   |    |     |     |
| EPS, Inc.                                |     |    |     |     |
| Equatorial Communications                |     |    |     |     |
| Equifax Inc.                             | o   |    |     | o   |
| Equifax Services Inc.                    |     |    |     |     |
| ERC International, Inc.                  |     | o  | o   |     |

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| ERCO                                    |     |    |     |     |
| Erdman, Anthony and Associates, Inc.    |     |    | o   |     |
| Eric Software Publishing                |     |    |     |     |
| Erisco, Inc.                            | o   | o  |     |     |
| Ernst & Whinney                         |     | o  | o   |     |
| Erwin Software Company                  | o   | o  |     |     |
| Esca, Inc.                              |     |    |     |     |
| Escom, Inc.                             |     | o  |     |     |
| Essex Corporation                       |     |    | o   |     |
| Esvel, Inc.                             |     |    |     |     |
| Evaluation & Planning Systems, Inc.     |     | o  | o   |     |
| Evans, Griffiths & Hart, Inc.           |     |    |     |     |
| Evans Newton, Inc.                      |     | o  |     |     |
| Evans & Sutherland                      |     | o  |     | o   |
| Evergreen Consulting, Inc.              |     | o  | o   |     |
| Evolution Computing                     |     | o  |     |     |
| EWDP Software, Inc.                     |     | o  |     |     |
| Exact Systems & Programming Corporation |     | o  |     |     |
| Excalibur Sources, Inc.                 |     | o  |     |     |
| Excalibur Systems, Inc.                 |     | o  |     |     |
| Execucomp, Inc.                         |     | o  |     |     |
| Execucom Systems Corporation            |     |    | o   |     |
| Execu-Flow Systems, Inc.                | o   | o  | o   | o   |
| Executec Corporation                    |     |    |     |     |
| Executive Automated Systems             |     |    |     |     |
| Executive Data Systems                  |     | o  |     |     |

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|-----------------------------------|-----|----|-----|-----|
| Executive Data Systems, Inc.      |     | 0  |     |     |
| Executive Solution Systems, Inc.  |     | 0  | 0   |     |
| Executive Systems, Inc.           |     |    |     |     |
| Executive Technology Data Systems |     | 0  |     |     |
| Experience In Software            |     | 0  |     |     |
| Expertelligence, Inc.             |     | 0  | 0   |     |
| Expert Software Products          |     | 0  |     |     |
| Expert Systems, Inc.              |     |    |     |     |
| Expertware                        |     |    |     |     |
| Exsys, Inc.                       |     | 0  |     |     |
| Exter Software, Ltd.              |     | 0  |     |     |
| EZWare Corporation                |     |    |     |     |
| Factorial Systems, Inc.           |     | 0  | 0   |     |
| Facts & Management Systems, Inc.  | 0   | 0  | 0   | 0   |
| Fargo Electronic Services, Inc.   | 0   | 0  | 0   |     |
| Far West Systems, Inc.            | 0   | 0  |     |     |
| Fastware, Inc.                    |     |    |     |     |
| FBC, Inc.                         | 0   |    |     |     |
| FBS Information Services          | 0   |    |     |     |
| FDP Corporation                   | 0   | 0  |     |     |
| Fel Computing                     |     |    |     |     |
| Ferrin Corporation                |     |    | 0   |     |
| FFMC - Thrift Services Division   | 0   |    |     |     |
| Fidata Corporation                | 0   | 0  | 0   |     |
| Fidelity Packaging Corporation    |     |    |     |     |
| Fifth Generation Systems          |     | 0  |     |     |

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|--|-----|----|-----|-----|
| Figgie International Holdings Inc.       |     |    |     |     |
| Figgie Systems Management Group, Inc.    | o   | o  | o   | o   |
| File Net Corporation                     |     |    |     |     |
| Financial Audit Systems                  |     | o  |     |     |
| Financial Communications Services, Inc.  |     |    |     |     |
| Financial Information Systems            |     |    |     |     |
| Financial Institution Services, Inc.     |     |    |     |     |
| Financial Management Systems, Inc.       |     | o  |     |     |
| Financial Services, Inc.                 | o   |    |     |     |
| Financial Software, Inc.                 |     | o  |     |     |
| Financial Technology, Inc.               |     | o  |     |     |
| Financial Telecommunications, Inc.       | o   |    |     |     |
| Financiek, Inc.                          |     |    |     |     |
| Finserv Computer Corporation             | o   |    |     | o   |
| Firesign Computer Company                |     |    |     |     |
| Firststar Corporation Of Appleton        | o   |    |     |     |
| First Bank Corporation Information Servi | o   |    |     |     |
| First Bank System, Inc.                  |     |    |     |     |
| First Boston Capital Group, Inc.         |     |    |     |     |
| First Boston, Inc.                       |     |    |     |     |
| First Chicago Data Corporation           | o   |    |     |     |
| First City National Bank of Houston      |     |    |     |     |
| First City Services Company              | o   |    |     |     |
| First Computer Corporation               |     |    |     |     |
| First Course                             |     |    |     |     |
| First Data Management Company, Inc.      | o   |    | o   |     |

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 TKY = Turnkey Systems



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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| First Data Resources, Inc.             | o   |    |     |     |
| First Financial Management Corporation | o   |    |     |     |
| First Financial Planner Services, Inc. |     |    |     |     |
| First National Bank In Little Rock     |     |    |     |     |
| First National Bank Of Louisville      |     |    |     |     |
| First Software Corporation             |     | o  |     |     |
| First Union Corporation                |     |    |     |     |
| Fischer Innis Systems Corporation      |     | o  |     |     |
| Fischer & Porter                       |     |    |     |     |
| Flserv, Inc.                           | o   |    |     |     |
| Fisher Business Systems                |     |    |     |     |
| Fisher-Stevens, Inc.                   | o   |    |     |     |
| Fitel, Ltd.                            |     |    |     |     |
| Flagship Group (The), Inc.             |     |    |     |     |
| Fleet Financial Group                  |     |    |     |     |
| Fleet Information, Inc.                | o   |    |     |     |
| Fleet Management Systems, Inc.         | o   | o  |     |     |
| Flexware                               |     |    |     |     |
| Florida Computer Graphics              |     |    |     |     |
| Florida Software Services, Inc.        |     | o  |     |     |
| Flow General, Inc.                     |     | o  | o   |     |
| F.N. Reality Services                  | o   |    |     |     |
| Focus Research Systems, Inc.           |     |    | o   |     |
| Food Computer Systems, Inc.            |     |    |     | o   |
| Foothill Associates, Inc.              |     |    |     |     |
| Foothill Research, Inc.                |     | o  |     |     |

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| ForceTen Enterprises, Inc.               |     |    |     |     |
| Forefront Corporation                    |     |    |     |     |
| Foresight Resources Corp.                |     | o  |     |     |
| Forest Computer, Inc.                    |     | o  | o   | o   |
| Forethought, Inc.                        |     | o  |     |     |
| Formation, Inc.                          |     | o  |     |     |
| Forte Communications, Inc.               |     |    |     |     |
| Forthright Systems, Inc.                 |     | o  |     |     |
| Fortune Systems Corporation              |     |    |     |     |
| Four Phase Systems                       |     |    |     |     |
| Fourth Generation Technology, Inc.       |     |    | o   |     |
| Fourth Shift Corporation                 |     | o  |     |     |
| Foxmeyer-TBL                             | o   |    |     |     |
| Fox Research, Inc.                       |     |    |     |     |
| FoxWare Systems Corporation              |     | o  |     | o   |
| Franklin Computer Systems, Inc.          |     | o  |     |     |
| Franklin Institute Research Laboratories |     |    |     |     |
| Franz, Inc.                              |     | o  | o   |     |
| Frey Associates, Inc.                    |     |    | o   | o   |
| Friedman & Associates                    |     | o  | o   | o   |
| Frontline Software, Inc.                 |     | o  | o   |     |
| FundsNet, Inc.                           | o   |    |     |     |
| Funk Software                            |     |    |     |     |
| Fusion Products International            |     | o  |     |     |
| Future Software, Inc.                    |     | o  |     |     |
| Future Technologies International, Inc.  |     | o  |     |     |

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| GAI California, Inc.                     |     |    |     |     |
| GAI Systems                              |     | o  |     |     |
| Galler Automation Industries Inc.        |     | o  | o   |     |
| Ganesa Group International               |     |    |     |     |
| Garpac Corporation                       |     | o  | o   | o   |
| Garrett Group, Inc.                      |     |    | o   |     |
| Gary Bergman Associates                  |     | o  |     |     |
| Gary Brown Associates                    |     | o  | o   | o   |
| GASCARD Club, Inc.                       |     |    |     | o   |
| Gascard Club Inc.                        | o   |    |     |     |
| Gateway Communications, Inc.             |     | o  |     |     |
| Gateway Design Automation                |     | o  |     |     |
| GCA Communications                       |     | o  |     |     |
| GDK Systems, Inc.                        |     |    |     |     |
| Geac Computers, Inc.                     |     |    |     | o   |
| GEISCO                                   |     |    |     |     |
| Gemini Information Systems               |     |    |     |     |
| Genasys Corporation                      |     |    | o   |     |
| Genelco, Inc.                            | o   | o  | o   | o   |
| General Communications, Inc.             |     |    |     |     |
| General Computer Corporation             | o   |    |     | o   |
| General Computer Resources, Inc.         |     |    |     |     |
| General Devices, Inc.                    |     |    |     |     |
| Generale de Service Informatique         |     |    |     |     |
| General Electric CAE International, Inc. |     |    |     |     |
| General Electric Information Services Co | o   | o  | o   |     |

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| General Instrument Corporation       | o   |    |     |     |
| General Looseleaf Bindery Company    |     |    |     |     |
| General Optimization Inc.            |     | o  |     |     |
| General Physics Corporation          |     |    |     |     |
| General Research                     |     |    |     |     |
| General Robotics Corp.               |     |    |     |     |
| Generated Systems, Inc.              |     |    |     |     |
| Generic Computer Products, Inc.      |     |    |     |     |
| Genesee Computer Center, Inc.        | o   | o  |     |     |
| GENESYS Software Systems, Inc.       |     | o  |     |     |
| Genigraphics Corp.                   |     |    | o   | o   |
| GENIX Corporation                    | o   |    |     |     |
| Genoa Systems Corporation            |     |    |     |     |
| Gentry, Inc.                         |     |    |     |     |
| Geocomp Corporation                  |     |    |     |     |
| Geographic Systems, Inc.             |     |    |     |     |
| Geometric Data Flow, Inc.            | o   | o  |     |     |
| Geophysical Service Inc.             | o   |    |     |     |
| GeoQuest Systems, Inc.               |     |    |     | o   |
| Geosource, Inc.                      | o   |    |     |     |
| GeoVision                            |     |    | o   |     |
| Gerber Alley & Company               |     |    |     |     |
| Gerber Garment Technology Inc.       |     |    |     |     |
| Gerber Scientific, Inc.              |     |    |     | o   |
| Gerber Scientific Instrument Company |     |    |     |     |
| Gerber Scientific Products, Inc.     |     |    |     |     |

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| Gerber Systems Technology, Inc.          |     |    |     |     |
| GESCO Corporation                        | o   |    |     |     |
| Gessler Educational Software, Inc.       |     |    |     |     |
| Gifford Fong Associates                  |     |    | o   |     |
| Gilbert Associates, Inc.                 |     | o  | o   |     |
| Gilbert Commonwealth, Inc.               |     |    | o   |     |
| Gilbert Services, Inc.                   |     | o  | o   |     |
| Gimbel Software                          |     | o  |     |     |
| Gladstone Electronics                    |     |    |     |     |
| Global Data Corporation                  |     |    |     |     |
| Global Health Systems, Inc.              |     |    |     | o   |
| Global Information Systems Technology, I |     | o  |     | o   |
| Global Software, Inc.                    |     | o  |     |     |
| Global Turnkey Systems, Inc.             |     |    |     | o   |
| Global-Ultimac Systems, Inc.             |     | o  | o   |     |
| GMD Systems International, Inc.          |     | o  | o   |     |
| GMS Systems                              |     |    |     |     |
| Gnosis, Inc.                             |     |    |     |     |
| GNP Development Corporation              |     |    |     |     |
| Goal Systems International, Inc.         |     | o  | o   |     |
| G.O. Graphics                            |     | o  |     |     |
| Goldhill Computers, Inc.                 |     | o  |     |     |
| Good Software Corporation                |     | o  |     |     |
| Gordon Publications, Inc.                |     |    |     |     |
| Gracon Services, Inc.                    |     | o  |     |     |
| Graham Software Corp.                    |     | o  |     |     |

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| Graphic Communications                  |     | o  |     |     |
| Graphic Scanning Corporation            |     |    |     |     |
| Graphic Software Systems                |     | o  | o   |     |
| Gryphon Microproducts                   |     |    |     |     |
| GSI Transcomm                           | o   | o  | o   |     |
| GTECH Corporation                       | o   |    |     |     |
| GTE Corporation                         |     |    |     |     |
| Guidance Software                       |     |    |     |     |
| Gull, Inc.                              |     |    |     |     |
| Gull Resources Management Systems, Inc. |     |    |     | o   |
| G & Z Systems, Inc.                     |     |    |     |     |
| H & A Computer Systems, Inc.            |     | o  |     |     |
| Hadron, Inc.                            |     |    | o   |     |
| Hale Systems, Inc.                      | o   | o  | o   | o   |
| Hal Systems & Services                  | o   | o  | o   | o   |
| Hamlin, Williams & Associates, Inc.     | o   | o  | o   | o   |
| Hammer Computer Services                |     |    |     |     |
| Hampstead Computer Graphics             |     | o  | o   |     |
| Hansen Management Systems, Inc.         |     |    |     |     |
| Harris Business Systems/Services        |     | o  | o   |     |
| Harris Data Service, Inc.               |     | o  |     | o   |
| Harris Technology Group, Inc.           |     | o  | o   |     |
| Harte-Hanks Communications, Inc.        |     |    |     |     |
| Harvard Software, Inc.                  |     |    |     |     |
| Harvest Computer Systems                |     | o  |     |     |
| Harvey Software                         |     | o  |     |     |

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|------------------------------------|-----|----|-----|-----|
| Hathaway Corporation               |     | o  |     |     |
| Hawkeye Grafix                     |     |    |     |     |
| Hayden Software Company, Inc.      |     |    |     |     |
| Hayes Microcomputer Products       |     |    |     |     |
| HBI Business Systems               |     | o  |     |     |
| HBO & Company                      | o   | o  | o   | o   |
| Health Data Sciences Corporation   |     |    |     | o   |
| Health Data Systems, Inc.          |     |    |     |     |
| Health Information Systems, Inc.   |     | o  | o   |     |
| Health Software, Inc.              |     |    |     |     |
| Health Systems International, Inc. |     | o  |     |     |
| Heidelberg Eastern, Inc.           |     |    |     |     |
| Helmsman Systems                   |     | o  |     |     |
| Help/38 Systems                    |     |    |     |     |
| Henco Software, Inc.               |     | o  |     |     |
| Henley Group                       |     |    |     |     |
| Heritage Computer Corporation      | o   | o  | o   |     |
| Heritage Mutual Insurance Company  |     |    |     |     |
| Heritage Software                  |     |    |     |     |
| Heuristima Corporation             |     |    |     |     |
| Hewlett-Packard Company            |     | o  | o   | o   |
| HHB Systems                        |     | o  |     |     |
| High Caliber Systems, Inc.         |     | o  | o   |     |
| High Tech Communications           |     |    |     |     |
| Hiller Industries                  |     |    |     |     |
| Hogan Systems, Inc.                |     | o  |     |     |

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| Hollander Associates                     |     |    |     |     |
| Holland Systems Corporation              |     |    | o   | o   |
| Holm-Dietz Computer Systems, Inc.        |     | o  |     | o   |
| Honeywell, Inc.                          |     | o  | o   | o   |
| Hospital Information Systems             |     |    |     |     |
| Houghton Mifflin Company                 |     | o  |     |     |
| Houston Data Center Inc.                 | o   |    |     | o   |
| Houston Engineering Research Corporation |     | o  | o   |     |
| HowardSoft                               |     | o  |     |     |
| H.R.C. Micro Organisation Ltd.           |     | o  |     |     |
| HSH National Management Inc.             |     |    |     |     |
| Human Edge Software Corp.                |     | o  |     |     |
| Human Engineered Software                |     | o  |     |     |
| Hurricane Systems, Inc.                  |     | o  |     |     |
| IBM                                      |     |    |     |     |
| IBM Information Network                  | o   | o  |     |     |
| ICC, Inc.                                | o   | o  |     |     |
| Iconics, Inc.                            |     |    |     |     |
| ICS Group                                |     | o  | o   |     |
| IDC Data Services                        |     | o  |     |     |
| IDC Services, Inc.                       | o   |    |     |     |
| Idea Ware, Inc.                          |     |    |     |     |
| IEEE Computer Society                    |     |    |     |     |
| IFA Systems, Inc.                        |     |    |     | o   |
| IHC Affiliated Services, Inc.            |     | o  |     |     |
| Ilex Systems, Inc.                       |     |    | o   | o   |

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| Image Network                            | 0   | 0  |     |     |
| Imedia Corporation                       |     | 0  |     |     |
| IMI Systems                              |     | 0  | 0   |     |
| Improved System Technologies, Inc.       |     |    |     |     |
| IMREX Computer Systems, Inc.             |     | 0  |     |     |
| IMSI                                     |     |    |     |     |
| IMS International, Inc.                  |     |    |     |     |
| INCO, Inc.                               |     |    | 0   |     |
| Inconographics, Inc.                     |     |    | 0   |     |
| Indecon Inc.                             |     |    | 0   |     |
| Index Systems, Inc.                      |     |    | 0   |     |
| Index Technology Corporation             |     | 0  |     |     |
| Individual Software Inc.                 |     | 0  |     |     |
| Industrial Corporation                   |     |    |     |     |
| Inference Corporation                    |     |    |     |     |
| INFOCEL, Inc.                            |     |    |     | 0   |
| InfoCenter Software                      |     |    |     |     |
| InfoCode, Inc.                           |     | 0  |     |     |
| Infocom, Inc.                            |     |    |     |     |
| Infodata Systems Inc.                    |     | 0  | 0   |     |
| Info Design, Inc.                        |     | 0  |     |     |
| InfoMed                                  |     | 0  |     |     |
| Informatics General Corporation          |     |    |     |     |
| Information Analysis Systems Corporation |     |    |     |     |
| Information Associates, Inc.             |     |    |     |     |
| Information Builders, Inc.               |     | 0  | 0   |     |

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| Information Companies of America (ICOA)  | o   |    |     |     |
| Information Concepts, Inc.               |     |    |     |     |
| Information Design, Inc.                 |     | o  |     |     |
| Information Dimension, Inc.              |     |    |     |     |
| Information Industries, Inc.             |     |    | o   |     |
| Information Management Consultants, Inc. | o   | o  | o   | o   |
| Information Management Corporation       |     | o  | o   |     |
| Information Management International     | o   | o  | o   | o   |
| Information Management Services          |     |    | o   |     |
| Information Management Software Speciali |     | o  |     |     |
| Information Network Corporation          | o   |    |     |     |
| Information Processing, Inc.             |     | o  |     |     |
| Information Processing Techniques, Inc.  |     | o  | o   |     |
| Information Resources, Inc.              | o   |    |     |     |
| Information Science Incorporated         | o   | o  | o   |     |
| Information Strategies, Inc. (ISI)       |     | o  | o   |     |
| Information System Investment Corp.      |     |    |     |     |
| Information Systems, Inc.                | o   | o  | o   |     |
| Information Systems, Inc.                |     |    |     |     |
| Information Systems, Inc.                |     | o  | o   | o   |
| Information Systems of America, Inc.     |     | o  | o   |     |
| Information Technology, Inc.             |     |    |     | o   |
| INFORMIX Software, Inc.                  |     | o  |     |     |
| Inforonics, Inc.                         | o   |    | o   | o   |
| INFOSTAT, Inc.                           |     |    |     | o   |
| Infotech, Inc.                           |     |    |     |     |

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| Infotech Systems, Inc.                  | 0   | 0  |     | 0   |
| Infotek Systems                         |     |    |     |     |
| Infotran Corporation                    |     |    |     |     |
| Ingram Software                         |     |    |     |     |
| Innovation Data Processing, Inc.        |     | 0  |     |     |
| Innovative Programming Associates, Inc. |     |    |     |     |
| Innovative Software, Inc.               |     | 0  |     |     |
| Input Output Computer Services          |     |    | 0   |     |
| Insight Software Systems                |     |    |     |     |
| INSLAW, Inc.                            | 0   | 0  | 0   |     |
| Instant Web                             |     |    |     |     |
| INSTINET Corporation                    | 0   |    |     |     |
| Insurance Sales Systems                 |     |    |     |     |
| Insurance Systems, Inc.                 |     |    |     |     |
| Insurance Technology Consultants        |     | 0  | 0   |     |
| Insurnet, Inc.                          |     | 0  |     |     |
| Integral Systems, Inc.                  |     | 0  | 0   |     |
| InteGram, Inc.                          | 0   |    | 0   | 0   |
| Integrated Automation, Inc.             |     |    |     | 0   |
| Integrated Business Concepts, Inc.      |     | 0  | 0   |     |
| Integrated Business Systems             |     |    |     |     |
| Integrated Computer Technologies        |     | 0  | 0   |     |
| Integrated Management Systems           |     |    |     |     |
| Integrated Microcomputer Systems, Inc.  | 0   |    | 0   |     |
| Integrated Office Systems, Inc.         |     |    |     |     |
| Integrated Planning, Inc.               |     | 0  |     |     |

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| Integrated Software Systems Corporation |     | o  |     |     |
| Integrated System, Incorporated         |     | o  |     |     |
| Integrated Systems Group, Inc.          | o   | o  |     |     |
| Integrated Systems, Inc.                |     | o  |     | o   |
| Intellectual Software                   |     |    |     |     |
| IntelliCorp                             | o   | o  | o   | o   |
| Intelligent Business Systems, Inc.      |     |    |     |     |
| Intelligent Machines                    |     |    |     |     |
| Intellisource, Inc.                     |     |    |     | o   |
| Interactive Computer Systems            |     | o  |     |     |
| Interactive Data Corporation            | o   |    | o   |     |
| Interactive Financial Services, Inc.    | o   | o  |     |     |
| Interactive Images                      |     | o  | o   |     |
| Interactive Information Systems         |     | o  |     |     |
| Interactive Learning                    |     | o  |     |     |
| Interactive Market Systems              | o   | o  |     |     |
| Interactive Software Systems, Inc.      |     |    |     |     |
| Interactive Solutions Corporation       |     | o  |     |     |
| Interactive System Corporation          |     | o  | o   |     |
| Interactive Systems Corporation         |     |    |     |     |
| Interactive Systems, Inc.               |     |    |     |     |
| Interactive Technology Incorporated     |     | o  |     |     |
| InterCAD Corporation                    |     |    |     |     |
| Interchart Software, Inc.               |     |    |     |     |
| Intercon Associates, Inc.               |     | o  |     |     |
| Intergraph Corporation                  |     |    |     | o   |

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| Interleaf, Inc.                          |     |    |     | 0   |
| Interlink Computer Sciences, Inc.        |     | 0  |     |     |
| Intermetrics, Inc.                       |     | 0  | 0   |     |
| Intermountain Health Care, Inc.          |     |    |     |     |
| International Business Machines Corporat |     |    |     |     |
| International Business Services Inc.     | 0   |    |     |     |
| International Computaprint Corporation   | 0   |    |     |     |
| International Computerized Telemarketing |     |    |     |     |
| International Computer Systems, Inc.     |     | 0  | 0   |     |
| International Data Applications          |     | 0  |     |     |
| International Data Services, Inc.        |     |    |     |     |
| International Microcomputer Software, In |     | 0  |     |     |
| International Micro-Systems, Inc.        |     | 0  |     |     |
| International Software Network, Inc.     |     | 0  | 0   |     |
| International Software Systems           |     |    |     |     |
| International Systems Services Corporati |     | 0  | 0   |     |
| International Technology Group, Inc.     | 0   |    | 0   |     |
| Internet Systems Corporation             |     | 0  |     |     |
| Interpretive Data Systems                |     | 0  |     |     |
| Intertec Diversified Systems, Inc.       | 0   | 0  |     |     |
| Intrak, Inc.                             |     | 0  |     |     |
| Intran Corporation                       |     |    |     |     |
| Intro-Logic, Inc.                        |     | 0  | 0   |     |
| Inventory Locator Service, Inc.          | 0   |    |     |     |
| Inversion Technology                     |     |    |     |     |
| I.P. Sharp Associates                    | 0   | 0  | 0   |     |

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| IPT Corporation                    |     |    |     |     |
| Isaac Fair Companies               |     |    |     |     |
| ISC Systems Corporation            |     |    |     | 0   |
| ISI Systems, Inc.                  | 0   | 0  |     |     |
| Iskra Software International       |     | 0  |     |     |
| Island Pacific Systems Corporation |     | 0  |     |     |
| ISYS Corporation                   |     |    |     |     |
| ITP boston, inc.                   |     |    | 0   |     |
| ITRON                              |     |    |     | 0   |
| Ivar Software, Inc.                |     |    |     |     |
| Ivy Hill Corporation               |     |    |     |     |
| IXI Sales & Services               |     |    |     |     |
| Jack Henry & Associates, Inc.      |     |    |     | 0   |
| Jadtec Computer Group              |     |    |     |     |
| James B. Hotze & Company           |     |    |     |     |
| James H. Lowry & Associates        |     |    | 0   |     |
| Javelin Software Corporation       |     | 0  |     |     |
| J. Baker & Associates Inc.         |     |    |     |     |
| JB Systems                         |     | 0  |     |     |
| JCA Software, Inc.                 | 0   |    |     |     |
| J.D. Edwards & Company             |     | 0  |     |     |
| JEB Systems                        |     | 0  |     |     |
| Jefferson Software                 |     | 0  |     |     |
| Jetsoft                            |     |    |     |     |
| JIA Management & Consulting Group  |     |    | 0   |     |
| J.K. Financial Solutions, Inc.     |     |    |     |     |

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| J.M.I. Software Consultants              |     | 0  | 0   |     |
| JobTrak Systems, Inc.                    |     | 0  |     |     |
| John Hancock Health Plans, Inc.          | 0   |    |     |     |
| John Hancock Mutual Insurance            |     |    |     |     |
| Johnson Systems, Inc.                    |     |    |     |     |
| Johnston, Brown & Associates, Inc.       |     |    |     |     |
| John Wiley & Sons                        |     |    |     |     |
| Joiner Associates, Inc.                  |     | 0  | 0   |     |
| Jonas & Erickson Software Technology, In |     | 0  |     |     |
| Jones/Hospflex Systems, Inc.             |     | 0  |     |     |
| JTW Computer Systems, Inc.               |     | 0  |     |     |
| Kapstrom                                 |     |    |     |     |
| Kay Consulting, Inc.                     |     | 0  |     |     |
| Keane, Inc.                              |     | 0  | 0   |     |
| Kennen Publishing                        |     |    |     |     |
| Kennerly Associates, Inc.                | 0   | 0  | 0   | 0   |
| Kentron International, Inc.              | 0   |    | 0   |     |
| Keydata Corporation                      | 0   |    |     |     |
| Key Enterprises                          |     |    |     |     |
| Key Financial Systems, Inc.              |     |    |     |     |
| Keymark Systems, Inc.                    |     |    |     |     |
| Key Software, Inc.                       |     |    |     |     |
| Key Solutions, Inc.                      |     | 0  |     |     |
| Keystone Computer Associates, Inc.       |     | 0  | 0   |     |
| Key Systems, Inc.                        |     | 0  | 0   |     |
| Kidd International Data Processing       | 0   |    |     |     |

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|                                   | PRO | SW | PFS | TKY |
|-----------------------------------|-----|----|-----|-----|
| Kinetics Technology International |     |    |     |     |
| Kirchman Corporation (The)        |     | 0  |     | 0   |
| Kleinschmidt                      |     | 0  | 0   | 0   |
| Knauer Consulting                 |     |    | 0   |     |
| Knight-Ridder, Inc.               |     |    |     |     |
| Knoware, Inc.                     |     |    |     |     |
| KnowledgeWare, Inc.               |     | 0  | 0   |     |
| Knox Data                         |     |    |     | 0   |
| Koala Technologies                |     |    |     |     |
| Koch System                       |     | 0  |     |     |
| KOCH Systems Corporation          | 0   | 0  |     |     |
| KPB Industries                    |     |    |     |     |
| Krell Software Corporation        |     |    |     |     |
| Laboratory Microsystems, Inc.     |     | 0  | 0   |     |
| Lake Avenue Software              |     |    |     |     |
| Landmark Graphics Corporation     |     |    |     | 0   |
| Landmark Software Systems, Inc.   |     | 0  | 0   |     |
| Landmark Systems Corporation      |     | 0  |     |     |
| Langenbacher Data Systems         | 0   |    | 0   |     |
| Lantech Systems, Inc.             |     | 0  |     |     |
| Lattice Logic USA                 |     | 0  |     | 0   |
| Lawson Associates                 |     | 0  | 0   |     |
| LBM Systems Corp.                 |     | 0  |     | 0   |
| LCS Industries, Inc.              | 0   |    |     |     |
| Leading Edge Products             |     | 0  |     |     |
| Leadtrack Services                | 0   | 0  |     |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Learned-Mahn, Inc.                       |     | 0  |     |     |
| Learning Company (The)                   |     | 0  |     |     |
| Learning Tools Inc.                      |     | 0  | 0   |     |
| Learning Well                            |     | 0  |     |     |
| LeMans Group (The)                       |     | 0  |     |     |
| Levi, Ray & Shoup, Inc.                  |     | 0  | 0   |     |
| Lewis Lee Corporation                    |     |    |     |     |
| Lexeme Corporation                       |     | 0  | 0   |     |
| Lexisoft, Inc.                           |     | 0  |     |     |
| Libra Programming, Inc.                  |     | 0  |     |     |
| Lifeboat Associates                      |     | 0  |     |     |
| Life Insurance Data Processing (LIDP Con |     | 0  | 0   |     |
| Lifetree Software, Inc.                  |     | 0  |     |     |
| L'Industrielle-Services Techniques Inc.  | 0   |    | 0   |     |
| Linkware Corporation                     |     | 0  |     |     |
| LISP Machine, Inc.                       | 0   | 0  | 0   | 0   |
| List                                     |     |    |     |     |
| Litton Computer Services                 | 0   |    |     |     |
| Living Videotext, Inc.                   |     | 0  |     |     |
| LoBue Associates Inc.                    |     |    | 0   |     |
| Local Area Telecommunications, Inc. (LOC |     |    |     |     |
| Lockheed Corporation                     |     |    |     |     |
| Lockheed DataPlan, Inc.                  | 0   |    |     |     |
| Logical Choice (The)                     |     | 0  | 0   | 0   |
| Logical Data Corporation                 |     | 0  | 0   |     |
| Logical Data Management                  | 0   | 0  | 0   | 0   |

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|---|-----|----|-----|-----|
| Logicon, Inc.                           |     |    | 0   |     |
| Logisticon                              |     |    |     | 0   |
| Logistics Systems                       |     | 0  |     |     |
| Logos Corporation                       |     | 0  |     |     |
| Loki Engineering, Inc.                  |     | 0  | 0   | 0   |
| Lomas & Nettleton Financial Corporation | 0   |    |     |     |
| Lone Star Micro                         |     |    |     |     |
| Lotus Development Corporation           |     | 0  |     |     |
| Loud Consulting (The) Corp.             | 0   | 0  | 0   |     |
| Louis A. Wright & Associates            |     |    |     |     |
| LPC, Inc.                               | 0   | 0  |     |     |
| LPC, Inc.                               | 0   | 0  |     |     |
| Lundy Electronic & Systems, Inc.        |     |    |     | 0   |
| Lupfer & Long, Inc.                     |     | 0  |     |     |
| LWFW, Inc.                              | 0   | 0  | 0   |     |
| Lynch Data Processing                   | 0   |    |     |     |
| Lytron Systems                          |     |    |     |     |
| M/A/R/C Software International, Inc.    |     | 0  |     |     |
| M2C5 Systems, Inc.                      |     |    |     |     |
| MacMillan, Inc.                         |     |    |     |     |
| MacMillan Software                      |     | 0  |     |     |
| MacNeal-Schwendler Corporation (The)    |     | 0  |     |     |
| M/A-Com, Inc.                           |     |    |     |     |
| M/A-Com Information Systems, Inc.       |     | 0  | 0   | 0   |
| MACS                                    |     |    |     |     |
| Madic Corporation                       |     |    |     | 0   |

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|--|-----|----|-----|-----|
| Magee Enterprises                        |     | 0  |     |     |
| Magic Software, Inc.                     |     | 0  |     |     |
| Magnum Computer Corporation              | 0   |    | 0   |     |
| Mailhouse, Inc.                          | 0   |    |     |     |
| Mainstay Software                        |     | 0  |     |     |
| Main Street Software                     |     | 0  |     |     |
| Management & Accounting Control System ( |     |    |     |     |
| Management Computer Services, Inc.       | 0   | 0  |     |     |
| Management Cybernetics International (MC |     | 0  |     | 0   |
| Management Decision Systems, Inc.        |     | 0  | 0   |     |
| Management Design, Inc.                  |     |    | 0   |     |
| Management Reports Incorporated          |     |    |     |     |
| Management Science America, Inc.         |     | 0  |     |     |
| Management Sciences, Inc.                |     | 0  |     |     |
| Management Systems Corporation           |     |    |     |     |
| Management Techniques, Inc.              |     |    | 0   | 0   |
| Management Technologies, Inc.            |     | 0  |     |     |
| Manager Software Products, Inc.          |     | 0  |     |     |
| Manof Communications Systems Inc.        |     |    |     | 0   |
| Manufacturers of Integrated Computer App |     | 0  | 0   |     |
| Manufacturing and Consulting Services, I |     | 0  |     |     |
| Manufacturing Data Systems, Inc.         | 0   |    |     | 0   |
| Manufacturing Decision Support Systems,  |     | 0  |     |     |
| Manufacturing Resource Management, Inc.  |     | 0  | 0   |     |
| MANUS Services Corporation               | 0   | 0  | 0   | 0   |
| Maple Plain Company                      |     |    |     |     |

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|   | PRO | SW | PFS | TKY |
|---|-----|----|-----|-----|
| Marathon Data Systems, Inc.             |     |    |     | o   |
| Marcam Data Systems Corporation         |     | o  |     |     |
| M/A/R/C, Inc.                           | o   |    |     |     |
| Marine Bank Service Corporation         |     |    |     |     |
| Marine Management Systems, Inc.         | o   | o  | o   | o   |
| Mariposa Corporation                    |     |    | o   |     |
| Maritime Computer Corporation           |     |    |     |     |
| Market Data Systems, Inc.               |     |    |     |     |
| Marketing And Systems Development Corp. |     |    |     |     |
| Marketing Communications, Inc.          | o   |    |     |     |
| Marketing Information Systems, Inc.     | o   | o  |     |     |
| Mark Williams Company                   |     | o  |     |     |
| Marlum Management Corporation           |     | o  | o   |     |
| Marmon Industrial Corporation           |     |    |     |     |
| Marshall & Ilsley                       |     |    |     |     |
| Marshall & Stevens, Inc.                |     |    | o   |     |
| Martee Corporation                      | o   | o  | o   |     |
| Martek, Inc.                            |     |    |     |     |
| Martin and Stern, Inc.                  |     |    | o   |     |
| Martin Marietta Corporation             |     |    |     |     |
| Martin Marietta Data Systems            | o   | o  | o   | o   |
| Mason Best Company                      |     |    |     |     |
| Massachusetts System Company            |     | o  |     |     |
| MASSCOMP                                |     | o  |     |     |
| Massianos                               |     |    |     |     |
| Master Software Corporation             |     | o  | o   |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Master Systems                           |     | o  | o   | o   |
| Mathematical Applications Group, Inc. (M | o   |    |     |     |
| Matrix Insurance Services Inc.           |     |    |     |     |
| Matrix Software Technology Corporation   |     | o  |     |     |
| Maxell Corporation of America            |     |    |     |     |
| Maxima Computer Management Consultants,  |     |    |     |     |
| May & Speh Processing Center, Inc.       | o   |    |     |     |
| mbp Software And Systems Technology      |     |    |     |     |
| M. Bryce and Associates, Inc.            |     | o  | o   |     |
| MC2 Engineering Software                 |     | o  |     |     |
| MCBA, Inc.                               |     | o  | o   |     |
| MCC Corporation                          | o   | o  | o   |     |
| McCormack & Dodge Corporation            |     | o  |     |     |
| MCC Systems Inc.                         |     | o  | o   | o   |
| McDonnell Douglas Information Systems Gr | o   | o  | o   | o   |
| McGraw-Hill, Inc.                        | o   | o  | o   |     |
| McGraw-Hill Information Systems Co.      |     |    |     |     |
| McHugh, Freeman and Associates           |     | o  | o   |     |
| MCorp                                    |     |    |     |     |
| MCP of Niagara Inc.                      |     | o  | o   |     |
| MCRB Software                            |     |    |     |     |
| MCS, Inc.                                | o   | o  |     | o   |
| MC Software, Inc.                        |     | o  |     |     |
| M&C Systems, Inc.                        |     |    |     |     |
| MDCR, Inc.                               |     |    |     |     |
| MDR Systems, Inc.                        |     |    |     |     |

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|---|-----|----|-----|-----|
| MDS Associates                            |     |    |     |     |
| MDSC, Inc.                                | o   |    |     |     |
| M&D Systems, Inc.                         |     | o  |     |     |
| MDX Clinical Data Design, Inc.            |     | o  |     |     |
| Mead Data Central                         | o   |    |     |     |
| Mechanical Dynamics                       |     | o  |     |     |
| Media Computing Corporation               |     |    |     |     |
| Medical Data Services, Inc.               | o   |    |     | o   |
| Medical Engineering, Inc.                 |     | o  | o   | o   |
| Medical Information Technology, Inc. (ME) | o   | o  |     |     |
| Medical Management Systems, Inc.          | o   | o  | o   | o   |
| Medicomp Of Virginia                      |     |    |     |     |
| Medicus Systems Corporation               |     | o  | o   |     |
| Mediflex Systems Corporation              | o   | o  | o   |     |
| Medstat Systems                           |     |    |     |     |
| Megatek Corporation                       |     |    |     |     |
| MegaWest Systems                          | o   | o  | o   | o   |
| Mellon Bank Datacenter                    | o   |    |     |     |
| Memory Media                              |     |    |     |     |
| Memron, Inc.                              |     |    |     |     |
| Menlo Business Systems, Inc.              |     | o  |     |     |
| Menlo Corporation                         |     | o  |     |     |
| Mentis Corporation                        |     |    |     | o   |
| MENTOR Resources Inc.                     |     | o  |     |     |
| Mentor Systems, Inc.                      |     | o  |     |     |
| Merit Systems, Inc.                       |     |    | o   |     |

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|------------------------------------|-----|----|-----|-----|
| Mestek, Inc.                       |     |    |     |     |
| Metaphor Computer Systems, Inc.    |     |    |     |     |
| Metasoft                           |     | o  |     |     |
| Meta Software, Inc.                |     | o  |     |     |
| Metier Management Systems, Inc.    |     | o  |     | o   |
| Metro Bank                         | o   |    |     |     |
| Metromail Corporation              | o   |    |     |     |
| MICA                               |     | o  |     |     |
| Michaels, Ross & Cole, Ltd.        |     | o  | o   |     |
| Micro Associates                   |     |    |     |     |
| Micro Business Applications        |     |    |     |     |
| MicroCall Services                 |     | o  |     |     |
| Microcom, Inc.                     |     |    |     |     |
| Micro Courseware Corporation       |     |    |     |     |
| Micro Craft, Inc.                  |     | o  |     |     |
| Micro Data Base Systems, Inc.      |     | o  | o   |     |
| Micro Decisionware                 |     | o  |     |     |
| Micro D, Inc.                      |     | o  |     |     |
| Micro-Focus, Inc.                  |     | o  |     |     |
| Micrografx                         |     | o  |     |     |
| Micro Logic Corp.                  |     | o  |     |     |
| Microlytics, Inc.                  |     | o  |     |     |
| Micro Manufacturing Systems        |     | o  |     |     |
| Micro-MRP, Inc.                    |     | o  |     |     |
| MicroPro International Corporation |     | o  |     |     |
| Micro Resources, Inc.              |     | o  |     |     |

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|   | PRO | SW | PFS | TKY |
|---|-----|----|-----|-----|
| Microrim, Inc.                          |     | o  |     |     |
| Microserve, Inc.                        | o   | o  | o   | o   |
| Microsoft Corporation                   |     | o  |     |     |
| Micro Software International            |     |    |     |     |
| MicroSource Technologies                |     |    |     |     |
| Micro SPARC, Inc.                       |     | o  |     |     |
| Microsystems Engineering Corporation    |     | o  |     |     |
| Micro-Systems Software, Inc.            |     | o  |     |     |
| Micro-Tax                               |     |    | o   |     |
| Microtec Research, Inc.                 |     | o  |     |     |
| Micro Tempos, Inc.                      |     | o  |     |     |
| Mid-America Information Systems, Inc.   |     | o  | o   | o   |
| M & I Data Services                     | o   | o  |     |     |
| MIDEC, Inc.                             |     | o  | o   |     |
| Midwest Data Systems, Inc.              | o   | o  | o   | o   |
| Midwest Software                        |     |    |     |     |
| Migent Software, Inc.                   |     | o  |     |     |
| Milton Allen & Associates, Inc.         | o   | o  | o   |     |
| Mindscape                               |     | o  | o   |     |
| Mind Work Software                      |     | o  |     |     |
| Mineral Search, Inc.                    |     |    |     |     |
| Mini-Computer Systems, Inc.             |     | o  |     | o   |
| Minicomputer Systems Incorporated (MSI) |     |    |     |     |
| Mini Data Systems Corp.                 |     |    |     | o   |
| Minimax Research Corporation            |     |    |     |     |
| Mirror Images Software Inc.             |     |    |     |     |

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|--|-----|----|-----|-----|
| MIS Associates                           |     | o  | o   |     |
| Mispco, Inc.                             |     |    |     |     |
| Mitchell A. Fink Associates              |     | o  |     |     |
| Mitchell and Gauthier Associates         |     | o  |     |     |
| Mitchell Management Systems              |     | o  |     |     |
| Mitchell Sweet & Associates              | o   | o  |     |     |
| Mitec Computer Business Systems Corporat |     |    |     | o   |
| MITRE Corporation                        |     |    | o   |     |
| Mitrol Incorporated                      |     | o  |     |     |
| Mobius Management Systems, Inc.          |     | o  | o   |     |
| Modtec International                     |     |    |     |     |
| Molecular Design, Ltd.                   |     | o  | o   |     |
| MOM Corporation (The)                    |     | o  |     | o   |
| MoneyCare, Inc.                          |     | o  |     |     |
| Money Management Systems, Inc.           | o   | o  | o   | o   |
| Moore Data Management Systems            |     | o  |     | o   |
| Morgan Computing                         |     |    |     |     |
| Morino Associates, Inc.                  |     | o  |     |     |
| Morrell Systems Corporation              |     | o  | o   |     |
| Mosaic Software, Inc.                    |     | o  |     |     |
| Mosby Systems                            |     |    |     |     |
| Mossland Technology                      |     |    |     |     |
| Motorola Computer Systems                | o   | o  |     |     |
| Mountain Computer, Inc.                  |     |    |     |     |
| Mountain Software Growers, Inc.          |     | o  | o   | o   |
| Mouse Systems Corporation                |     | o  |     |     |

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|-----------------------------------|-----|----|-----|-----|
| MPSI Systems, Inc.                | 0   | 0  |     |     |
| M Tech                            | 0   | 0  |     |     |
| MTech                             | 0   | 0  |     |     |
| Mt. Xiru                          |     | 0  |     |     |
| Muller-Mugno Corporation          | 0   |    | 0   |     |
| Multimate International           |     | 0  |     |     |
| Multiple Technologies Corporation |     |    | 0   |     |
| Multisoft, Inc.                   |     | 0  |     |     |
| Multi Solutions, Inc.             |     | 0  |     |     |
| Multi-Systems, Inc.               |     | 0  |     |     |
| Multivariate Data Analysts, Inc.  |     |    |     |     |
| Muse Software, Inc.               |     | 0  |     |     |
| Mutual Advisory Corporation       |     |    |     |     |
| Mutual Services Institute         | 0   |    |     |     |
| MVC Associates, Inc.              |     | 0  | 0   |     |
| MWL Incorporated                  |     | 0  | 0   |     |
| Mycroft Labs, Inc.                |     | 0  |     |     |
| Mylee Digital Sciences, Inc.      |     |    |     | 0   |
| Nantucket Corporation             |     | 0  |     |     |
| Nastec                            |     | 0  |     |     |
| National Bancard Corporation      | 0   |    |     |     |
| National Business Systems, Inc.   |     | 0  |     |     |
| National College Services         | 0   | 0  | 0   |     |
| National Computer Analysts, Inc.  | 0   |    |     |     |
| National Computer Syndicate       |     |    |     |     |
| National Computer Systems, Inc.   | 0   | 0  |     | 0   |

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| National Com-Serv, Inc.                  | 0   |    | 0   |     |
| National Database Software, Inc.         |     | 0  |     |     |
| National Data Communications, Inc.       |     |    | 0   | 0   |
| National Data Corporation                | 0   |    | 0   | 0   |
| National Decision Systems, Inc.          |     |    |     |     |
| National Demographics & Lifestyles, Inc. | 0   |    |     |     |
| National Distributor Systems             |     |    | 0   | 0   |
| National Economic Research Association,  |     |    |     |     |
| National Field Service Corp.             |     |    | 0   |     |
| National FSI, Inc.                       |     | 0  | 0   |     |
| National Guest Systems Corporation       |     | 0  | 0   | 0   |
| National Info Systems, Inc.              | 0   | 0  |     |     |
| National Intergroup                      |     |    |     |     |
| National Language Products               |     | 0  |     |     |
| National Planning Data Corporation       | 0   |    |     |     |
| Nationwide Computer Services             | 0   | 0  |     |     |
| Navic Software                           |     |    |     |     |
| NCA Corporation                          | 0   | 0  | 0   |     |
| NCR Data Services Division               | 0   |    |     |     |
| NDX Corporation                          |     | 0  |     |     |
| Neodata Services                         | 0   |    |     |     |
| Neshaminy Valley Information Processing  |     |    |     |     |
| Netec International Inc.                 |     | 0  |     |     |
| Network Computing Corporation            | 0   | 0  |     | 0   |
| Network Consultants, Inc.                |     |    |     |     |
| Network Data Processing Corporation      | 0   | 0  |     |     |

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| Network Innovations Corporation       |     | 0  |     |     |
| Network Research Corporation          |     |    |     |     |
| Network Software Associates, Inc.     |     | 0  | 0   |     |
| Network Solutions                     |     |    | 0   |     |
| Network Solutions, Inc.               |     |    | 0   |     |
| Network Strategies, Inc.              |     |    | 0   |     |
| Network Systems Corporation           |     |    | 0   | 0   |
| New Generation Software, Inc.         |     | 0  | 0   | 0   |
| Newline Software                      |     |    |     |     |
| Newport-West Data Services, Inc.      | 0   | 0  | 0   | 0   |
| Newtrend Group, Ltd. (The)            |     | 0  |     |     |
| New Venture/Ketchum Communications    |     | 0  |     |     |
| NFP Management Systems                |     |    |     | 0   |
| Nichols & Company, Inc.               |     |    |     |     |
| Nims Associates, Inc.                 |     | 0  | 0   |     |
| Nixdorf Computer Engineering Co.      |     | 0  |     |     |
| Nolan, Norton & Company, Inc.         |     |    | 0   |     |
| Non-Procedural Systems, Inc.          |     |    |     |     |
| North American Business Systems, Inc. |     | 0  |     |     |
| North Bay Systems, Inc.               |     | 0  |     |     |
| Northeast Business Computers, Inc.    |     | 0  | 0   | 0   |
| Northeastern Computer Service, Inc.   | 0   |    |     |     |
| Northouse Industries, Inc.            |     |    |     |     |
| Northwest Analytical, Inc.            |     | 0  |     |     |
| Northwest Corporate Group             |     |    |     |     |
| Northwest Management Services, Inc.   | 0   |    |     |     |

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| Nortridge Software, Inc.                |     | 0  |     |     |
| Norwest Information Services, Inc.      | 0   |    | 0   |     |
| Novell, Inc.                            |     | 0  |     |     |
| NSA, Inc.                               | 0   |    | 0   |     |
| NSC, Inc.                               |     | 0  | 0   |     |
| NuClas Corp.                            |     | 0  | 0   | 0   |
| NuComp Systems, Inc.                    |     | 0  |     |     |
| Numerax, Inc.                           | 0   |    | 0   |     |
| Numeridex, Inc.                         |     |    | 0   |     |
| Nutri Med. Inc.                         |     | 0  |     | 0   |
| NY Information Systems Inc.             | 0   | 0  | 0   | 0   |
| Oakland Management Services             |     | 0  |     |     |
| Oak Software                            |     |    |     |     |
| OAQ Corporation                         | 0   |    | 0   |     |
| Oasys                                   |     | 0  |     |     |
| Oceanic Information Systems, Inc.       |     | 0  |     |     |
| Oceanic Information Systems, Inc. CANAD |     | 0  |     |     |
| OCTAL Inc.                              | 0   | 0  |     |     |
| Octel Communications Corporation        |     |    |     | 0   |
| OCTO Ltd.                               | 0   |    |     | 0   |
| ODESTA Corporation                      |     | 0  |     |     |
| Odin Data Systems, Inc.                 | 0   |    |     |     |
| Office Express, Inc.                    |     |    |     |     |
| Officesmiths Inc.                       |     | 0  |     |     |
| Office Solutions, Inc.                  |     | 0  |     |     |
| Offshore Information Services, Inc.     |     |    |     |     |

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|                                      | PRO | SW | PFS | TKY |
|--------------------------------------|-----|----|-----|-----|
| Offutt Publishing                    |     |    |     |     |
| O'Hanlon Computer Systems, Inc.      |     | o  |     |     |
| Ohio Valley Data Control, Inc.       | o   |    |     |     |
| Oil-Tronix, Ltd.                     | o   | o  | o   | o   |
| Omega Systems, Inc.                  |     | o  | o   |     |
| Omnisoft Corporation                 |     |    |     |     |
| Omnisoft Technologies                |     |    |     |     |
| One Point                            |     |    |     |     |
| Online Accounting Systems            |     |    |     |     |
| On-Line Business Systems, Inc.       | o   | o  | o   |     |
| Online Computer Library Center       | o   |    |     |     |
| Online Computer Systems, Inc.        |     |    | o   |     |
| Online Computer Systems, Inc.        |     |    |     |     |
| Online Database Software, Inc.       |     |    |     |     |
| On-Line Software International, Inc. |     | o  | o   | o   |
| On-Syte                              | o   |    |     |     |
| Ontologic, Inc.                      |     | o  |     |     |
| Open Systems, Inc.                   |     | o  |     |     |
| Operations Control Systems           |     | o  | o   |     |
| Optic Graphics, Inc.                 |     |    |     |     |
| Opticom Corporation                  |     | o  | o   |     |
| Optimation                           |     | o  | o   | o   |
| Optionware, Inc.                     |     |    |     |     |
| Opus Corporation (The)               |     | o  | o   |     |
| Oracle Systems Corporation           |     | o  | o   |     |
| Orbis, Inc.                          |     | o  | o   |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Ordertrack Corporation                   |     | 0  |     |     |
| Oregon Software, Inc.                    |     | 0  |     |     |
| Organization Change Associates, Inc.     |     | 0  |     |     |
| Organization for Industrial Research, In |     |    |     | 0   |
| ORI, Inc.                                |     |    |     |     |
| Oriole Software, Inc.                    |     | 0  |     |     |
| Orion Group, Ltd. (The)                  |     | 0  | 0   |     |
| Orion Software, Inc.                     |     | 0  |     |     |
| Ortho Information Services               |     | 0  |     |     |
| Outlook Software, Inc.                   |     | 0  |     |     |
| Ovation Technologies                     |     | 0  |     |     |
| Oxford Software Corporation              |     | 0  |     |     |
| Pace Computer Systems                    | 0   | 0  | 0   |     |
| Pace Group, Inc.                         |     |    |     |     |
| Pacer Software, Inc.                     |     | 0  | 0   |     |
| Pacific Data Services Company            |     |    |     |     |
| Pacific Data Systems                     |     |    |     |     |
| Pacific Western Bancshares               |     |    |     |     |
| Pacific Western Information Systems      |     | 0  |     |     |
| Packaged Automated Life/Liability Manage |     | 0  | 0   |     |
| Packaged Solutions, Inc.                 |     | 0  |     |     |
| P.A. Computers and Telecommuniations     |     |    |     |     |
| Palace Computer Services, Inc.           |     | 0  | 0   | 0   |
| Palantir Software                        |     | 0  |     |     |
| Palladian Software, Inc.                 |     | 0  |     |     |
| PALLM, Inc.                              |     |    |     |     |

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|                                   | PRO | SW | PFS | TKY |
|-----------------------------------|-----|----|-----|-----|
| Pansophic Systems, Inc.           |     | 0  |     |     |
| Paperback Software International  |     | 0  |     |     |
| Paragon Technology Corporation    |     |    |     | 0   |
| Parallax Systems, Inc.            |     | 0  | 0   |     |
| Parameter Driven Software         |     | 0  |     |     |
| Paramis, Inc.                     |     |    | 0   |     |
| Para Research, Inc.               |     |    |     |     |
| PAR Technology Corporation        |     |    | 0   |     |
| PASS, Inc.                        |     | 0  | 0   |     |
| Pathway Design, Inc.              |     | 0  |     | 0   |
| Paychex, Inc.                     | 0   |    |     |     |
| Payco American Corporation        |     |    |     |     |
| Pay-Fone Systems, Inc.            | 0   |    |     |     |
| Payroll Company, Inc. (The)       | 0   |    |     |     |
| Payroll General Corporation       |     |    |     |     |
| PBL Associates                    |     |    |     |     |
| PC + Products                     |     |    |     |     |
| PC Quote, Inc.                    | 0   |    | 0   |     |
| PCS Data Processing, Inc.         | 0   |    |     |     |
| PC World Communications Inc.      |     |    |     |     |
| PDA Engineering                   |     |    | 0   | 0   |
| Pearce Tire Management Systems    |     | 0  |     |     |
| Pearl Data Systems                |     | 0  |     | 0   |
| Peat, Marwick, Mitchell & Company |     | 0  | 0   |     |
| Pecan Software Systems            |     | 0  |     |     |
| Pelada Informatica                |     |    |     |     |

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|                                      | PRO | SW | PFS | TKY |
|--------------------------------------|-----|----|-----|-----|
| Penguin Software                     |     | o  |     |     |
| Penn Central Federal Systems Company |     |    |     |     |
| Pentamation Enterprises, Inc.        | o   | o  |     | o   |
| Penta Systems International, Inc.    |     |    |     | o   |
| Perceptronics, Inc.                  |     | o  | o   |     |
| Peregrine Systems, Inc.              |     | o  |     |     |
| Perfect Software, Inc.               |     | o  |     |     |
| Performance Software, Inc.           |     | o  |     |     |
| Performance Systems, Inc.            |     |    |     |     |
| Persoft, Inc.                        |     | o  |     |     |
| Personal CAD Systems, Inc.           |     | o  |     |     |
| Personnel Data Systems, Inc.         |     | o  |     |     |
| Pertaine Systems, Inc.               |     | o  | o   |     |
| PE Systems, Inc.                     |     |    |     |     |
| Petrocomp Systems Inc.               |     | o  | o   |     |
| Petroleum Information Corporation    | o   |    |     |     |
| Petro Minerals Corporation           |     |    |     |     |
| Petroware, Inc.                      |     | o  | o   | o   |
| Pharmaceutical Card Systems, Inc.    | o   |    |     |     |
| Phase 3                              |     |    |     |     |
| Phase One Systems, Inc.              |     | o  | o   |     |
| Phaser Systems, Inc.                 |     |    |     |     |
| PHH Group, Inc.                      |     |    |     |     |
| Phillips Communications              |     |    |     |     |
| Phillips Publishing                  |     |    |     |     |
| Phoenix Computer Corp.               |     | o  |     |     |

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|                                       | PRO | SW | PFS | TKY |
|---------------------------------------|-----|----|-----|-----|
| Phoenix Data Processing               | o   |    |     |     |
| Phoenix-Hecht Incorporated            |     |    | o   |     |
| Photo Data, Inc.                      | o   |    |     |     |
| Physician Micro Systems Inc.          |     |    |     | o   |
| Picayune Publishing                   |     |    |     |     |
| Pick Systems                          |     | o  |     |     |
| PictureWare, Inc.                     |     | o  |     |     |
| Pilot Executive Software, Inc.        |     | o  |     |     |
| Pinkerton Computer Consultants        |     |    | o   |     |
| Pinnacle Software Systems, Inc.       |     | o  |     |     |
| Pinnacle Systems, Inc.                |     |    |     |     |
| Pixel Computer Incorporated           |     |    |     |     |
| Place Management Corporation          |     | o  |     |     |
| Planmatics                            |     |    |     | o   |
| Planmetrics, Inc.                     | o   | o  | o   |     |
| Planning Control International, Inc.  |     | o  |     | o   |
| Planning Research Corporation         | o   |    | o   | o   |
| Players Computer, Inc.                | o   | o  |     |     |
| PLS Company                           |     |    |     |     |
| PMB Systems Engineering Inc.          |     |    | o   |     |
| PMI, Inc.                             |     |    |     |     |
| Point 4 Data Corporation              |     | o  |     | o   |
| Point of Sale Systems Corp.           |     | o  |     |     |
| Policy Management Systems Corporation | o   | o  | o   | o   |
| Polygon Associates                    |     | o  |     |     |
| Polytel Computer Products Corp.       |     |    |     |     |

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|--|-----|----|-----|-----|
| Poorman-Douglas Corporation            | 0   |    |     | 0   |
| Popular Programs, Inc.                 |     | 0  |     |     |
| POS Technology                         |     |    |     |     |
| Power Computing Company                | 0   | 0  |     | 0   |
| Precision Business Systems             |     | 0  | 0   | 0   |
| Precision Software Inc.                |     |    |     |     |
| Precision Visuals, Inc.                |     | 0  |     |     |
| Premier Systems Inc.                   |     | 0  | 0   | 0   |
| Premier Systems, Inc.                  |     | 0  |     |     |
| Prentice-Hall                          |     |    |     |     |
| Price-Waterhouse & Co.                 |     | 0  | 0   |     |
| Primavera Systems, Inc.                |     | 0  |     |     |
| Prime Computer, Inc.                   |     | 0  |     | 0   |
| Printers Software Inc.                 |     | 0  |     |     |
| Pro-Access, Access To Professionals    |     | 0  | 0   |     |
| Processing Management Systems          | 0   |    |     |     |
| Pro Computer Sciences Inc.             |     | 0  |     |     |
| Prodata Inc.                           |     | 0  | 0   | 0   |
| Pro Data Systems, Inc.                 |     | 0  |     |     |
| Productive Computer Systems, Inc.      |     | 0  | 0   | 0   |
| Productivity Products International    |     | 0  | 0   |     |
| Professional Automated Systems         |     |    |     |     |
| Professional Computer Associates, Inc. | 0   |    | 0   |     |
| Professional Computer Resources, Inc.  |     | 0  |     | 0   |
| Professional Computer Service          | 0   |    |     |     |
| Professional Computer Solutions, Inc.  |     |    |     |     |

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|--|-----|----|-----|-----|
| Professional Data Management Sys. Inc. |     | 0  | 0   | 0   |
| Professional Hospital Services         | 0   |    |     |     |
| Professional Resource Group            |     |    |     | 0   |
| Professional Software, Inc.            |     | 0  |     |     |
| Professional Software Systems          |     |    |     |     |
| Professional Systems Corporation       | 0   |    |     |     |
| Profit Control Systems                 |     |    | 0   | 0   |
| Profitkey International, Inc.          |     | 0  |     | 0   |
| Profit Technologies                    |     |    | 0   |     |
| Proforma Software                      |     | 0  |     |     |
| Programming Services & Support, Inc.   |     | 0  | 0   |     |
| Programs & Analysis, Inc.              | 0   |    | 0   |     |
| Program Science, Inc. (PSI)            |     |    |     |     |
| Pro-IV                                 |     | 0  |     |     |
| Project Software & Development, Inc.   |     | 0  |     | 0   |
| Promedics                              |     |    |     |     |
| Promod, Inc.                           |     | 0  |     |     |
| Proprietary Computer Systems           |     |    |     |     |
| Proprietary Software Systems, Inc.     |     | 0  | 0   |     |
| Prospero Software Ltd.                 |     | 0  |     |     |
| Proto Systems                          |     | 0  | 0   |     |
| Pryor Corporation                      |     | 0  | 0   |     |
| PSA & CPS, Inc.                        | 0   |    |     |     |
| PSDI, Inc.                             |     |    |     |     |
| PSI                                    |     |    |     |     |
| PSI Energy Software                    |     |    |     |     |

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|---------------------------------|-----|----|-----|-----|
| Psychotechnics, Inc.            |     |    |     |     |
| Psycomp Selfheld Software       |     |    |     |     |
| Public Systems Associates, Inc. |     |    | 0   |     |
| Punch Card Processing Co.       | 0   |    |     |     |
| Pyramid Data, Ltd.              |     | 0  |     |     |
| QED Information Sciences, Inc.  |     | 0  |     |     |
| Quadra Systems, Inc.            |     |    |     |     |
| Quadratron Systems              |     | 0  |     |     |
| Quadrex Computer Systems, Inc.  |     | 0  | 0   | 0   |
| Quadstar Corporation            |     | 0  |     |     |
| Quality Data Systems, Inc.      |     | 0  | 0   |     |
| Quality Systems Corporation     |     |    |     |     |
| Quest, Inc.                     |     |    |     |     |
| Quicksoft                       |     | 0  |     |     |
| Quintus Computer Systems, Inc.  |     | 0  |     |     |
| Quodata Corporation             |     | 0  |     |     |
| Quotron Systems, Inc.           | 0   |    |     |     |
| R01-Teknekron Financial Systems |     |    | 0   | 0   |
| Rabbit Software Corporation     |     | 0  |     |     |
| Racal-Vedac, Inc.               |     |    |     |     |
| Radford Associates, Inc.        | 0   | 0  | 0   |     |
| Radian Corporation              |     | 0  | 0   |     |
| Railinc Corporation             |     |    |     |     |
| RANAC Computer Corporation      |     | 0  | 0   | 0   |
| Rand Information Systems, Inc.  | 0   | 0  | 0   |     |
| Rand McNally and Co.            |     |    |     |     |

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|---|-----|----|-----|-----|
| Rational, Inc.                          |     |    |     |     |
| Raven Systems & Research, Inc.          | o   |    | o   |     |
| Read-Q Systems, Inc.                    |     |    | o   |     |
| Real-Comp, Inc.                         |     |    |     |     |
| Real Estate Application Software, Inc.  |     |    |     |     |
| Real Estate Data                        | o   |    |     |     |
| Real Estate Microcomputer Systems, Inc. |     |    |     |     |
| Real-Time Computer Science Corporation  |     | o  |     |     |
| Realtron Corporation                    | o   |    |     |     |
| Realty Automation Inc.                  |     | o  |     |     |
| Real World Corp.                        |     | o  |     |     |
| Redi/Multi-List, Inc.                   | o   |    |     | o   |
| Redshaw, Inc.                           |     |    | o   | o   |
| Red Wing Business Systems, Inc.         |     | o  |     |     |
| Redwood Software, Inc.                  |     |    |     |     |
| Reed International ENGLAND              |     |    |     |     |
| Reference Technology Inc.               |     |    |     |     |
| Reflectone, Inc.                        |     |    |     |     |
| Reflectone Media Systems, Inc.          |     |    |     | o   |
| Reflectone Training Systems, Inc.       |     |    | o   |     |
| Relational Database Systems, Inc.       |     |    |     |     |
| Relational Technology, Inc.             |     | o  |     |     |
| Remote Data Systems, Inc.               |     |    |     |     |
| Republic Service Bureau Inc.            | o   |    |     |     |
| Resource Control Systems, Inc.          |     | o  |     |     |
| Reston Publishing Company, Inc.         |     |    |     |     |

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|-----------------------------------|-----|----|-----|-----|
| Reuters North America             | 0   |    |     |     |
| Rexnord Data Systems              | 0   | 0  | 0   |     |
| Rexnord, Inc.                     |     |    |     |     |
| Reynolds & Reynolds Company (The) | 0   |    |     | 0   |
| RGI, Inc.                         | 0   | 0  | 0   | 0   |
| RMS Technologies                  |     |    | 0   |     |
| Robert E. Nolan Company, Inc.     |     | 0  | 0   |     |
| Robert F. White & Company         | 0   |    |     |     |
| Robert J. Kearns, Inc.            | 0   |    |     |     |
| Robert L. Cloud Associates, Inc.  |     |    |     |     |
| Robin and Dackerman               |     |    | 0   |     |
| ROCI, Inc.                        |     |    |     |     |
| ROH                               |     |    |     |     |
| ROI Systems, Inc.                 |     |    |     |     |
| ROSSDATA Corporation              | 0   | 0  | 0   |     |
| Ross Systems, Inc.                | 0   | 0  | 0   | 0   |
| R. Shriver Associates             |     | 0  | 0   |     |
| R Systems, Inc.                   |     | 0  | 0   |     |
| R.T.G. Systems, Inc.              |     | 0  |     |     |
| Rubicon Corporation               |     |    |     | 0   |
| Rust International                |     | 0  | 0   | 0   |
| Ryan-McFarland Corporation        |     | 0  | 0   |     |
| Sachs/Freeman Associates, Inc.    |     |    | 0   |     |
| Safe Computing Limited            |     |    |     |     |
| SAFECO Title Insurance            | 0   |    |     |     |
| Safeguard Business Systems, Inc   | 0   |    |     | 0   |

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|--|-----|----|-----|-----|
| Sage Data, Inc.                          | o   |    | o   |     |
| Sage Federal Systems, Inc.               |     | o  | o   |     |
| Sage Software, Inc.                      |     | o  |     |     |
| Samna Corp.                              |     | o  |     |     |
| Sandsport Data Services, Inc.            | o   |    |     |     |
| Santa Cruz Operation, Inc.               |     | o  |     |     |
| Santiago Data Systems, Inc.              |     | o  |     |     |
| Saratoga Data Services                   | o   |    |     |     |
| SAS Institute, Inc.                      |     | o  |     |     |
| Satellite Computing, Inc. (SATCOM)       |     | o  | o   |     |
| Savvy Corporation                        |     | o  |     |     |
| Sawhney Software                         |     |    |     |     |
| Saztec Computer Services Organization    | o   | o  | o   |     |
| SAZTEC International, Inc.               |     |    | o   |     |
| SBT Corporation                          |     |    |     |     |
| SCA Products and Services, Inc.          |     | o  | o   |     |
| Schaffer & Schaffer Applied Research & D |     |    | o   |     |
| Scheduling Corporation of America        |     |    | o   |     |
| Schuchardt Software Systems, Inc.        |     | o  |     |     |
| SCICOM Data Services, Ltd.               | o   |    |     |     |
| Science Applications International Corpo |     | o  | o   |     |
| Science Management Corporation           |     | o  |     |     |
| Science Research Associates, Inc.        |     | o  |     |     |
| Scientific Calculations, Inc.            |     | o  |     | o   |
| Scientific Computers, Inc.               |     |    |     |     |
| Scientific Information Retrieval, Inc.   |     |    |     |     |

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|--|-----|----|-----|-----|
| Scientific Software - Intercomp          | 0   | 0  | 0   |     |
| Scientific Systems, Inc.                 |     |    |     |     |
| Scientific Systems Services, Inc. (SSS)  |     | 0  | 0   | 0   |
| SCS/Compute, Inc.                        | 0   |    |     |     |
| S-Cubed                                  | 0   |    | 0   |     |
| SDAC                                     |     |    |     |     |
| SDA Federal Systems, Inc.                |     |    | 0   |     |
| SDD, Inc.                                |     | 0  | 0   |     |
| SDG Decision Systems                     |     | 0  |     |     |
| SDI                                      |     | 0  |     |     |
| SDK Healthcare Information Systems       |     | 0  |     |     |
| SDMI                                     |     |    |     |     |
| Seaside Software Inc.                    |     | 0  |     |     |
| Securities Industry Automation Corp.     | 0   |    |     |     |
| Security Pacific Corporation             |     |    |     |     |
| Security Pacific Information Services, I | 0   |    | 0   |     |
| Security Pacific Information Systems     |     |    |     |     |
| Seed Software Corp.                      |     | 0  |     |     |
| Seek Systems, Inc.                       |     |    |     |     |
| SEI Corporation                          | 0   |    | 0   | 0   |
| Seiscom Delta, Inc.                      | 0   |    | 0   | 0   |
| Seisdata Services, Inc.                  | 0   |    |     |     |
| Seismograph Service Co.                  | 0   |    |     | 0   |
| Selanar Corporation                      |     |    |     |     |
| Sendero Corporation                      |     | 0  | 0   |     |
| Sensible Designs                         |     |    |     |     |

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|--|-----|----|-----|-----|
| Sensible Software                        |     | o  |     |     |
| Sentinel Computer Corporation            |     | o  | o   |     |
| Sentinel Computer Products               |     |    |     |     |
| Sentry Data, Inc.                        |     |    |     |     |
| Sequent Computer Systems, Inc.           |     | o  |     |     |
| Serving Software, Inc. (SSI)             |     | o  |     |     |
| SGM, Inc.                                |     | o  |     |     |
| Shales & Young Information Systems, Inc. |     |    | o   |     |
| Shanali Software, Inc.                   |     |    |     |     |
| Shared Financial Systems                 |     | o  |     |     |
| Shared Medical Systems Corporation       | o   | o  | o   | o   |
| Shaw Data Services, Inc.                 | o   |    |     |     |
| S & H Computer Systems, Inc.             |     | o  |     |     |
| SHL System House, Inc.                   |     |    | o   | o   |
| Shubrooks International, Ltd.            |     |    |     |     |
| Sidereal Corporation                     |     | o  |     |     |
| Sierra On-Line, Inc.                     |     | o  |     |     |
| Sigma Design, Inc.                       |     | o  |     |     |
| Sigma Systems, Inc.                      |     | o  |     |     |
| Signal Technology, Inc.                  |     | o  |     |     |
| Signet Data Systems, Ltd.                |     | o  |     |     |
| Silicon Graphics                         |     | o  |     |     |
| Silicon Valley Systems, Inc.             |     |    |     |     |
| Silvar-Lisco                             |     | o  |     | o   |
| Simpact Associates, Inc.                 |     | o  |     |     |
| SIMPLAN Systems, Inc.                    |     | o  | o   |     |

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| Sirco Enterprises, Inc.         |     |    |     |     |
| SIR, Inc.                       |     | o  | o   |     |
| SKK, Inc.                       |     | o  | o   |     |
| Skok Systems, Inc.              |     | o  |     |     |
| Small Systems Software, Inc.    |     |    | o   |     |
| Smart Systems Technology        |     | o  | o   |     |
| Smith, Dennis & Gaylord         | o   | o  | o   | o   |
| Smyth Business Systems          |     |    |     |     |
| Softa Group, Inc. (The)         |     | o  |     | o   |
| Softbridge Microsystems, Inc.   |     | o  | o   |     |
| Soft Core International, Inc.   |     | o  | o   |     |
| SofTech, Inc.                   |     |    | o   |     |
| Softest Inc.                    |     | o  | o   |     |
| Softflex Systems, Inc.          |     | o  |     |     |
| Softkat                         |     |    |     |     |
| Soft Letter                     |     |    |     |     |
| Softool Corporation             |     | o  |     |     |
| Soft Pro Systems                |     |    |     |     |
| SofTrak Systems                 |     | o  |     |     |
| Softron                         |     |    |     |     |
| Softronics, Inc.                |     | o  |     |     |
| Softsel Computer Products, Inc. |     | o  |     |     |
| Softsmith Corporation           |     |    |     |     |
| Softstar                        |     |    |     |     |
| Softsync, Inc.                  |     | o  |     |     |
| Software Academy, Inc.          | o   | o  | o   | o   |

PRO = Processing/Network Services

SW = Software Products

PFS = Professional Services

TKY = Turnkey Systems

# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Software AG Systems, Inc.                |     | 0  | 0   |     |
| Software Alliance Corporation            |     | 0  |     | 0   |
| Software Architecture & Engineering, Inc |     | 0  | 0   |     |
| Software Arts, Inc.                      |     |    |     |     |
| Software Automation                      |     |    |     |     |
| Software Clearing House, Inc. (The)      |     | 0  |     |     |
| Software Concepts                        |     | 0  |     |     |
| Software Design Associates, Inc.         |     |    | 0   |     |
| Software Digest                          |     |    |     |     |
| Software Directions, Inc.                |     | 0  |     |     |
| Software Dynamics, Inc.                  |     |    | 0   | 0   |
| Software Express (The)                   |     |    |     |     |
| Software Factory (The)                   | 0   | 0  | 0   | 0   |
| Software Group (The)                     |     |    |     |     |
| Software Information Services, Inc.      |     |    |     |     |
| Software Intelligence Laboratory, Inc.   |     |    |     |     |
| Software International Corporation       |     | 0  |     |     |
| Software Ireland Representatives, Inc.   |     | 0  |     |     |
| Software Link, Inc. (The)                |     | 0  |     |     |
| Software Models                          |     |    |     |     |
| Software Partners                        |     |    |     |     |
| Software Performance Group, Inc.         |     |    |     | 0   |
| Software Products of America, Inc.       |     |    |     |     |
| Software Publishing Corporation          |     | 0  |     |     |
| Software Pursuits, Inc.                  |     | 0  |     |     |
| Software Research                        |     | 0  | 0   |     |

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# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Software Research Corporation            |     | 0  |     |     |
| Software Services of America, Inc.       |     | 0  |     |     |
| Software Services of Florida             |     |    |     |     |
| Software Shop Systems                    |     | 0  |     |     |
| Software Strategies                      |     |    |     |     |
| Software Systems, Inc.                   |     | 0  | 0   | 0   |
| Software Techniques, Inc.                |     |    |     |     |
| Softyme                                  |     | 0  |     |     |
| Solid State Software, Inc.               |     | 0  |     |     |
| Solutionware Corporation                 |     | 0  | 0   |     |
| Solvation, Inc.                          |     | 0  | 0   | 0   |
| SONA Systems Corporation                 |     |    |     |     |
| SOS Computer Systems, Inc.               |     | 0  |     |     |
| SOTAS, Inc.                              |     |    |     |     |
| Source-2                                 | 0   |    |     |     |
| Source EDP                               |     |    |     |     |
| Source Telecomputing Corporation         | 0   |    |     |     |
| Southern Electric International, Inc.    |     | 0  |     |     |
| South-Western Publishing Company         |     |    |     |     |
| Southwest Software                       |     | 0  |     |     |
| SPAR Associates, Inc.                    |     | 0  |     |     |
| Spartacus Computers, Inc.                |     | 0  | 0   |     |
| Spectrum Human Resource Systems Corporat |     |    |     |     |
| Spectrum Technology Group, Inc.          |     |    | 0   |     |
| Spectrum Training Corporation            |     | 0  | 0   |     |
| Speech Systems, Inc.                     |     |    |     |     |

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# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Sperry Corporation                       |     |    |     |     |
| Spillman Data Systems, Inc.              |     | 0  | 0   | 0   |
| Spinnaker Software Corp.                 |     | 0  |     |     |
| Spokane Computer Services, Inc.          | 0   | 0  | 0   | 0   |
| SPORTSware, Inc.                         |     | 0  |     |     |
| Springboard Software                     |     | 0  |     |     |
| SPSS, Inc.                               |     | 0  |     |     |
| SPS Software Products & Service, Inc.    |     | 0  | 0   |     |
| SRS Network, Inc.                        |     |    | 0   |     |
| SRW Computer Components                  |     |    |     |     |
| SSR Corporation                          |     | 0  | 0   |     |
| SST, Inc.                                |     |    |     |     |
| Standard & Poor's Compustat Services, In | 0   | 0  |     |     |
| Standard Rate & Data Service, Inc.       |     |    |     |     |
| Stanley Works                            |     |    |     |     |
| Starflex Systems & Services, Inc.        |     |    | 0   |     |
| Star Software Systems                    |     | 0  |     |     |
| Statistical Tabulating Corporation       | 0   |    | 0   |     |
| STC Systems, Inc. & Ultimacc Global Soft |     | 0  |     | 0   |
| Sterling Software, Inc.                  |     | 0  |     |     |
| Sterling Swift Publishing Co.            |     |    |     |     |
| Stewart-Todd Associates, Inc.            |     |    |     |     |
| STI Software Technology Inc.             |     |    |     |     |
| St. John's Data Systems, Inc.            |     |    |     |     |
| St. Joseph Systems, Inc.                 |     |    |     |     |
| STM Systems                              |     |    |     |     |

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# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Stockholder Systems, Inc.              |     | 0  |     |     |
| Stone & Associates                     |     |    |     |     |
| Stonehouse and Company, Inc.           |     | 0  | 0   |     |
| Strategic Decisions Group              |     |    | 0   |     |
| Strategic Planning Associates          |     |    | 0   |     |
| Strategic Software Systems             |     |    |     |     |
| Structural Measurement Systems, Inc.   |     | 0  | 0   |     |
| Structured Computer Systems, Inc.      |     | 0  | 0   |     |
| Structured Methods, Inc.               |     |    | 0   |     |
| STSC, Inc.                             | 0   | 0  |     |     |
| Studio Software Corporation            |     | 0  |     |     |
| Sublogic Corp.                         |     | 0  |     |     |
| Subscriber Computing, Inc.             |     | 0  |     | 0   |
| Summagraphics Corporation              |     |    |     | 0   |
| Summa Software Corporation             |     |    |     |     |
| Summit Information Systems Corporation |     | 0  |     |     |
| Sunbelt Computer Systems, Inc.         |     | 0  |     |     |
| SunData Corporation                    |     |    |     |     |
| SunGard Data Systems, Inc.             | 0   | 0  |     |     |
| Superex Business Software              |     |    |     |     |
| SuperSoft, Inc.                        |     | 0  |     |     |
| Supplementary D.P. Service, Inc.       | 0   |    |     |     |
| Survey Tabulation Services, Inc.       | 0   |    |     |     |
| Swanson Analysis Systems               |     |    |     |     |
| Sybase, Inc.                           |     | 0  |     |     |
| Sybex, Inc.                            |     |    |     |     |

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# CAMS 1987 Computer Services Index

|                                   | PRO | SW | PFS | TKY |
|-----------------------------------|-----|----|-----|-----|
| Sycom                             | 0   |    |     | 0   |
| Symantec Corporation              |     | 0  |     |     |
| Symbolics Financial Systems, Inc. |     | 0  |     |     |
| Symbolics, Inc.                   |     |    |     | 0   |
| Symbolics, Inc.                   | 0   | 0  | 0   | 0   |
| Symmetric Software                |     |    |     |     |
| Symmitar Systems, Inc.            |     | 0  |     | 0   |
| Synchronics                       |     | 0  |     |     |
| Syncsort, Inc.                    |     | 0  |     |     |
| Synercom Technology, Inc.         |     | 0  |     |     |
| Synerlogic, Inc.                  |     |    |     | 0   |
| Syntactics Corporation            |     | 0  |     |     |
| Syntelligence, Inc.               |     |    |     |     |
| Syntrex, Inc.                     |     |    |     |     |
| SYSICON Corporation               | 0   | 0  | 0   |     |
| SYS-ED                            |     |    | 0   |     |
| Sysgen, Inc.                      |     | 0  |     |     |
| Sysorex International, Inc.       |     |    |     | 0   |
| Systar Corporation                |     |    |     |     |
| Systematics, Inc.                 | 0   | 0  |     |     |
| Systemation, Inc.                 |     |    |     |     |
| System Automation Corporation     |     |    | 0   |     |
| Systeme Corporation               |     | 0  |     | 0   |
| Systemedics                       |     | 0  |     | 0   |
| Systemhouse, Inc.                 |     |    | 0   | 0   |
| System Integrators, Inc.          |     |    |     | 0   |

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# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| System Management Associates             |     | 0  |     |     |
| SystemOne Corporation                    | 0   |    |     |     |
| Systems and Applied Sciences Corporation |     |    | 0   |     |
| Systems and Software, Inc.               |     | 0  |     |     |
| Systems Application Engineering, Inc.    |     | 0  | 0   | 0   |
| Systems Architects, Inc.                 |     |    |     |     |
| Systems Associates, Inc.                 |     |    |     | 0   |
| Systems Assurance Corporation            |     | 0  | 0   | 0   |
| Systems By Mica                          |     | 0  | 0   | 0   |
| Systems & Computer Technology Corporatio |     | 0  | 0   |     |
| Systems Control, Inc.                    |     |    | 0   |     |
| Systems Coordination, Inc.               |     | 0  | 0   |     |
| Systems Engineering Computer Co. (SEC)   | 0   | 0  | 0   | 0   |
| Systems Management, Inc.                 |     |    |     | 0   |
| Systems Of The Future, Inc.              |     | 0  | 0   | 0   |
| System Solutions, Inc.                   |     | 0  |     |     |
| Systems Plus, Inc.                       |     | 0  |     |     |
| Systems & Programming Resources, Inc.    |     |    | 0   | 0   |
| Systems Research & Applications          |     |    |     |     |
| Systems Research Labs                    |     |    |     |     |
| Systems & Software                       |     | 0  |     |     |
| Systems Software Associates, Inc.        |     | 0  |     |     |
| Systems Software Division                |     | 0  |     |     |
| Systems Software, Inc.                   |     | 0  | 0   | 0   |
| Systems Strategies, Inc.                 |     | 0  | 0   |     |
| Systonetics, Inc.                        |     | 0  | 0   | 0   |

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# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Sytech Corporation                       | 0   |    |     | 0   |
| Tallgrass Technologies Corporation       |     |    |     |     |
| Tandem Computers Incorporated            |     | 0  |     |     |
| Tandy Corporation                        |     | 0  |     |     |
| Target Technologies                      |     | 0  | 0   |     |
| Tarkenton Software, Inc.                 |     | 0  |     |     |
| Tartan Laboratories, Inc.                |     | 0  | 0   |     |
| Tasvir Corporation                       |     | 0  |     |     |
| T & B Computing, Inc.                    |     |    |     |     |
| TCS Software, Inc.                       |     | 0  |     |     |
| Teal Communications, Inc.                |     |    |     |     |
| Teal Communications International, Inc.  |     | 0  |     |     |
| TEC Computer Systems, Inc.               |     | 0  |     | 0   |
| Technalysis Corporation                  |     | 0  | 0   |     |
| Technical Advantage Corporation          |     | 0  | 0   |     |
| Technical Data Corporation               | 0   | 0  |     |     |
| Technical Evaluation and Management Syst |     |    |     |     |
| Technicall                               |     |    |     |     |
| Technical Systems Consultants, Inc.      |     | 0  |     |     |
| Technicon Data Systems Corporation       |     |    |     | 0   |
| Technology Concepts, Inc.                |     |    |     |     |
| Technology Consulting Corporation        |     |    |     |     |
| Teknekron Financial Systems              |     |    | 0   | 0   |
| Teknowledge, Inc.                        |     | 0  | 0   |     |
| Telecom Consultants Groups, Inc.         |     |    |     |     |
| Telecredit, Inc.                         | 0   |    |     |     |

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# CAMs 1987 Computer Services Index

|                                 | PRO | SW | PFS | TKY |
|---------------------------------|-----|----|-----|-----|
| Telerate, Inc.                  | 0   |    |     |     |
| Telesis Systems Corporation     |     |    |     | 0   |
| Telesoft                        |     | 0  |     |     |
| Tele-Sun                        |     | 0  |     |     |
| Telesun Corporation             |     |    |     |     |
| Tele-Tech Services              |     |    |     |     |
| Teleware                        |     |    |     |     |
| Telos Corporation               |     | 0  | 0   |     |
| Template Systems, Inc.          |     | 0  |     |     |
| TENERA,LP                       |     | 0  | 0   |     |
| Teneron Corporation             |     | 0  |     |     |
| Tenman Systems, Inc.            |     |    |     |     |
| Teradata Corporation            |     |    |     |     |
| Terrano Corporation             |     |    |     | 0   |
| Tesseract Corporation           |     | 0  |     |     |
| Texas Direct, Inc.              | 0   |    |     |     |
| Texor Corporation               |     |    |     |     |
| Thermeon Corporation            |     |    |     | 0   |
| Think Technologies, Inc.        |     | 0  |     |     |
| Thomas-Laguban & Associates     |     | 0  |     |     |
| Thomas L. Jacobs & Associates   |     | 0  | 0   |     |
| Thorn EMI Computer Software     | 0   | 0  | 0   |     |
| Thoughtware, Inc.               |     | 0  |     |     |
| Thoughtware Publishing Company  |     | 0  |     |     |
| Three D Graphics                |     | 0  |     |     |
| Timberline Software Corporation |     | 0  |     | 0   |

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# CAMS 1987 Computer Services Index

|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Titan Systems, Inc.                      |     |    | 0   |     |
| Titan Technologies, Inc.                 |     |    |     |     |
| T K Data Solutions                       |     | 0  | 0   |     |
| TLS Company                              | 0   |    |     | 0   |
| TLS Company                              | 0   |    |     | 0   |
| T/Maker Company                          |     | 0  |     |     |
| Tominy, Inc.                             |     | 0  | 0   |     |
| TOM Software, Inc.                       |     | 0  |     |     |
| Tone Software Corporation                |     |    |     |     |
| Total System Services, Inc.              | 0   |    |     |     |
| Touche Ross & Company                    |     |    | 0   |     |
| Touchette Corporation                    | 0   |    |     | 0   |
| Tower Systems, Inc.                      |     | 0  |     |     |
| Townsend and Bottum, Inc.                |     |    |     |     |
| Training Company (The)                   |     | 0  | 0   |     |
| Transform Logic Corporation              |     | 0  |     |     |
| Transition Systems, Inc.                 |     | 0  | 0   |     |
| Transportation Management Techniques Inc |     | 0  |     | 0   |
| Trans Tech Services, Inc.                |     | 0  | 0   | 0   |
| TRAX Software Inc.                       |     |    | 0   |     |
| Treasury Strategies, Inc.                |     |    |     |     |
| Triad Systems Corporation                | 0   |    |     | 0   |
| Triangle Computer Services               |     | 0  | 0   |     |
| Triangle Software Company                |     |    |     |     |
| TRICAD, Inc.                             |     |    |     |     |
| Trilog, Inc.                             | 0   | 0  |     |     |

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|  | PRO | SW | PFS | TKY |
|--|-----|----|-----|-----|
| Tru-Check Computer Systems               | 0   |    |     |     |
| True Basic, Incorporated                 |     | 0  |     |     |
| Trutec Software                          |     |    |     |     |
| TSR, Inc.                                | 0   |    | 0   |     |
| TSR, Inc.                                |     |    |     |     |
| Turner Hall Publishing                   |     | 0  |     |     |
| Turnkey Information Processing Inc.      |     |    |     |     |
| Twin Oaks                                |     |    |     |     |
| TW Technologies, Inc.                    |     |    |     | 0   |
| TYMAC                                    |     |    |     |     |
| UCCEL Corporation                        | 0   | 0  | 0   | 0   |
| Ultimate Corp. (The)                     |     |    |     | 0   |
| Unco Data Systems, Inc.                  | 0   |    |     | 0   |
| UNIFORCE                                 |     | 0  | 0   | 0   |
| Unify Corporation                        |     | 0  |     |     |
| Unilogic Ltd.                            |     | 0  |     |     |
| UNIPAC Group, The                        |     |    |     |     |
| UNIPAC Service Corporation               | 0   |    |     |     |
| Unipress Software, Inc.                  |     | 0  |     |     |
| Unisoft Systems                          |     |    |     |     |
| Unisys Corporation                       |     |    |     |     |
| Unitax, Inc.                             |     |    |     |     |
| United Computing Systems Inc.            |     |    |     |     |
| United Data Services, Inc.               | 0   |    |     |     |
| United Education & Software Data Systems | 0   | 0  |     | 0   |
| United Mailing, Inc.                     | 0   |    |     |     |

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|                                     | PRO | SW | PFS | TKY |
|-------------------------------------|-----|----|-----|-----|
| United Software Consultants, Inc.   |     |    |     |     |
| United Software Industries, Inc.    |     |    |     |     |
| United Software Security, Inc.      |     | o  |     |     |
| United States Computers Inc.        | o   |    |     |     |
| United Telecommunications, Inc.     | o   | o  |     | o   |
| United Telephone System             |     |    |     |     |
| Univair, Inc.                       |     | o  |     |     |
| Universal Custom Products           |     |    |     |     |
| Universal Information Systems, Inc. | o   |    |     |     |
| Universal Software Associates, Inc. |     |    |     |     |
| University Analytics                |     |    |     |     |
| Urban Decision Systems, Inc.        | o   | o  |     |     |
| U.S. Administrators                 | o   |    |     |     |
| Users Incorporated                  |     | o  |     |     |
| User Technology Services, Inc.      |     |    | o   |     |
| U.S. Intelco Network, Inc.          | o   | o  | o   |     |
| Utility & Municipal Services, Inc.  |     |    |     |     |
| Value Software, Inc.                |     | o  |     |     |
| VanAmburg and Associates, Inc.      |     | o  | o   |     |
| Vanarsdale Associates, Inc.         |     | o  |     |     |
| Vantage Computer Systems, Inc.      | o   | o  | o   |     |
| Vault Corporation                   |     |    |     |     |
| Ventura Computer Systems            |     | o  |     |     |
| Ventura Software Inc.               |     | o  |     |     |
| Vertical Technologies Corporation   |     |    |     |     |
| Video Financial                     | o   |    |     |     |

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|                                   | PRO | SW | PFS | TKY |
|-----------------------------------|-----|----|-----|-----|
| VideoLog Communications           | 0   |    |     |     |
| Vidmar Stanley                    |     |    |     |     |
| Viking Software Services, Inc.    | 0   | 0  |     |     |
| Vinylweld                         |     |    |     |     |
| Virtual Microsystems, Inc.        |     | 0  |     |     |
| Vista Concepts, Inc.              |     | 0  | 0   |     |
| Vista Data Systems, Inc.          |     | 0  | 0   |     |
| Vitro Corporation                 |     | 0  | 0   |     |
| VLI Computer Services, Inc.       |     |    | 0   |     |
| V Mark Computer                   |     |    |     |     |
| V-Mark, Inc.                      |     |    |     |     |
| VM Software, Inc.                 |     | 0  |     |     |
| Vocam Systems, Inc.               |     | 0  |     | 0   |
| Volt Delta Resources, Inc.        |     |    | 0   | 0   |
| VSE Corporation                   |     |    | 0   |     |
| Wachovia Corporation (The)        | 0   |    |     |     |
| Walker Interactive Products       |     | 0  | 0   |     |
| Wallaby Software Corporation      |     | 0  |     |     |
| Wall Street Data Services         | 0   |    | 0   |     |
| Walter E. Ulrich Consultants      |     |    | 0   |     |
| Wang Information Services Company |     |    |     |     |
| Warner Computer Systems, Inc.     | 0   | 0  |     |     |
| Waveform                          |     |    |     |     |
| Wayne Green Publications Group    |     |    |     |     |
| WEBB Company                      |     |    |     |     |
| Weekly Reader Family Software     |     |    |     |     |

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|   | PRO | SW | PFS | TKY |
|---|-----|----|-----|-----|
| Weidenhammer Systems Corporation        |     |    | o   |     |
| Weidner Communications                  |     | o  |     | o   |
| Welcome Software Technology             |     | o  |     |     |
| Western Computer Services               |     | o  | o   |     |
| Western Data Corporation                | o   | o  | o   |     |
| Western Data Systems, Inc.              |     | o  |     |     |
| Western Geophysical                     | o   |    |     |     |
| Western Institute of System Engineering |     |    | o   |     |
| Western Union Corporation               |     |    |     |     |
| Westminster Software, Inc.              |     | o  |     |     |
| White Hat Systems, Inc.                 |     | o  |     |     |
| Whitesmiths, Ltd.                       |     | o  |     |     |
| Wiland Services                         | o   |    |     |     |
| Wills Van den Burgh, Inc.               |     | o  |     |     |
| Winterhalter & Associates               |     | o  |     |     |
| Wisner Associates, Inc.                 | o   | o  | o   |     |
| Wold Communications, Inc.               |     |    |     |     |
| Woolf Software Systems, Inc.            |     | o  |     |     |
| WordPerfect Corporation                 |     | o  |     |     |
| Worlco Data Systems, Inc.               | o   |    | o   | o   |
| World Computer Corporation              |     |    |     | o   |
| Worldwide Chain Store Systems, Ltd.     |     | o  |     |     |
| World Wide Computer Services            |     |    | o   |     |
| XA Systems Corporation                  |     | o  |     |     |
| Xenex Computer Systems, Inc.            | o   |    |     |     |
| XenoSoft                                |     | o  |     |     |

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|                             | PRO | SW | PFS | TKY |
|-----------------------------|-----|----|-----|-----|
| Xerox Computer Services     | o   | o  |     | o   |
| XQ Software                 |     |    |     |     |
| XRT, Inc.                   |     |    |     | o   |
| XtraSoft, Inc.              |     | o  |     |     |
| XXCAL                       |     |    |     |     |
| York Street Software        |     |    |     |     |
| ZeroOne Systems, Inc.       |     |    |     |     |
| Ziff Communications Company |     |    |     |     |
| Ziff-Davis Publishing       |     |    |     |     |
| Zimmerman Holdings, Inc.    |     |    |     |     |
| Zylab Corporation           |     |    |     |     |
| Zytron Corporation          | o   |    |     |     |



**CAMS 1988**  
**Directory of Information Services Companies**

**1040 Software, Inc.**

10 Nevada Drive  
P.O. Box 1010  
New Hyde Park, NY 11042  
(516) 775-5566

Jack Martin, President  
Services: Pfs ApplSW  
Private

**1776 Corporation**

1776 Corporation Building  
13629 Bellevue-Redmond Rd.  
Bellevue, WA 98005  
(206) 454-1776

Services: Tky  
Private

**202 Data Systems, Inc.**

1275 Drummer Lane, Glenhardie Corp. Ctr.  
Wayne, PA 19087  
(215) 964-1170

Kevin W. Galbraith, President  
Total Revenue, FYE 10/87: \$ 2.3 m  
Total Employees: 22  
Services: Pfs ApplSW Tky  
Public

**2434 Computer Services**

201 Lowell St.  
Wilmington, MA 01887  
(617) 729-7700

Richard Bibaud, Vice President  
Public

**3CI**

155 W. Harvard  
Fort Collins, CO 80525  
(303) 223-2722

R. Mehta, President  
Total Revenue, FYE 11/86: (Est) \$ 2.0 m  
Total Employees: 35  
Services: ApplSW  
Private

**3Com Corporation**

3165 Kifer Road  
Santa Clara, CA 95052-8145  
(408) 562-6400

L. William Krause, President  
Total Employees: 136  
Services: SysSW  
Public

**3M Corporation**

Public

Subsidiaries/Divisions:

**3M Datatrak Systems, Inc.**

10 Sylvan Way  
Parsippany, NJ 07054  
(201) 267-5990

Julian AvRutick, President  
Services: Pfs ApplSW Tky

**3M Media Services, Inc.**

Four High Ridge Park  
Stamford, CT 06905  
(203) 329-1170

David Webber, President

**3PM, Inc.**

Please see McKesson Corporation

**AAA Technology, Inc.**

3000 Rogerdale  
Houston, TX 77042  
(713) 789-6200

Reid P. McNally, Jr., President  
Total Employees: 40  
Services: Pfs ApplSW  
Private

**Abacus**

2201 Kalamazoo S.E.  
Grand Rapids, MI 49507  
(616) 241-5510

Services: ApplSW  
Private

**ABACUS Associates**

6565 West Loop South, Suite 240  
Bellaires, TX 77401  
(713) 666-8146

James A. Ostrom, President  
Services: Pfs ApplSW  
Private

**ABACUS Data Systems**

3166 Des Plains Avenue, Suite 32  
Des Plains, IL 60018  
(312) 298-8780

Eddie Lee, President  
Services: ApplSW Tky  
Private

**Abacus Programming Corporation**

14545 Victory Blvd.  
Suite 300  
Van Nuys, CA 91411  
(818) 785-8000

Dave Oppenheim  
Total Revenue, FYE 12/88: (Est) \$ 7.5 m  
Total Employees: 100  
Services: Pfs SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Abbott's Logical Systems**

4055 Hollister  
Houston, TX 77080  
(713) 460-2844

Jim Abbott, President

Total Revenue, FYE 12/88: \$ 0.3 m

Total Employees: 5

Services: Pfs ApplSW SysInt

Private

**ABC Development Systems**

2489 Rice Street, Suite 40  
Saint Paul, MN 55113  
(612) 482-8584

Services: ApplSW

Private

**ABC Financial Systems, Inc.**

1273 North Church Street  
Moorestown, NJ 08057  
(609) 235-9060

James McVeigh, President

Private

**ABC Management Systems, Inc.**

805 Dupont Street, Suite 3  
Bellingham, WA 98225  
(604) 682-3808

Dr. Ruskin, President

Total Revenue, FYE 04/86: \$ 1.5 m

Private

**ABC Marketing International, Inc.**

805 Dupont Street Suite 3  
Bellingham, WA 98225  
(206) 671-5170

V.N. Ruskin, President

Services: ApplSW

Private

**ABCO**

1621 Wall Street  
Dallas, TX 75215  
(214) 565-1191

Private

**AB Computers**

69 Fifth Avenue, Suite 15G  
New York, NY 10003  
(212) 807-1228

Cynthia Mason, President

Private

**A.B. Dick Company**

Public

Subsidiaries/Divisions:

**A.B. Dick Company - Business Systems**

55 William Street  
Wellesley, MA 02181  
(617) 890-5151

Kenneth Quill, President

**Ability Information Systems, Inc.**

N. 2721 Van Marter Road  
Spokane, WA 99206  
(509) 922-3677

Donald F. Harvey, CEO

Services: ApplSW

Private

**ABL Management Systems Inc.**

805 Dupont Street  
Suite 3  
Bellingham, WA 98225  
(206) 671-5170

Larry Ford

Total Employees: 20

Private

**Abra Cadabra Software**

5510 9th Street N.  
St. Petersburg, FL 33702  
(813) 525-4400

Guy Bohner

Total Revenue, FYE 12/88: (Est) \$ 0.5 m

Total Employees: 6

Services: ApplSW

Private

**ABS Associates, Inc.**

3550 Salt Creek Lane  
Arlington Heights, IL 60005  
(312) 577-7752

Tom Mitchell, President

Services: ApplSW Tky

Private

**Absolut Software, Inc.**

2001 Beacon Street  
Boston, MA 02146  
(617) 232-8377

Services: ApplSW

Private

**Academic Financial Services Association**

Please see Fleet/National Bank

**CAMS 1988**  
**Directory of Information Services Companies**

**ACCEL Technologies, Inc.**

7358 Trade Street  
San Diego, CA 92121  
(619) 695-2000

Walter A. Foley

Total Revenue, FYE 11/88: (Est) \$ 2.5 m

Total Employees: 16

Services: Pfs ApplSW SysInt

Private

**Accent Software**

3750 Wright Pl.  
Palo Alto, CA 94306  
(415) 856-6505

Private

**ACCESS Corporation**

1811 Losantiville Road  
Cincinnati, OH 45237  
(513) 396-9600

Kent Friel, President

Total Employees: 125

Services: ApplSW SysSW

Private

**Access International, Inc.**

208 Union Wharf  
Boston, MA 02109  
(617) 367-3690

Mohammed Fotouhi, President

Services: Pfs Proc ApplSW TkY

Private

**Access Softek**

3204 Adeline Street  
Berkeley, CA 94703  
(415) 654-0116

Chris Doner, President

Services: ApplSW

Private

**Access Technology, Inc.**

Six Pleasant St.  
South Natick, MA 01760  
(617) 655-9191

Allen Z. Kluchman

Total Employees: 143

Services: Pfs ApplSW

Public

**Access Telecommunications Corporation**

3010 A Woodcreek Drive  
Downers Grove, IL 60516  
(312) 960-4455

Jon McAlear, President

Private

**Accountants Computer Network, Inc.**

565 Brainard, Suite 102  
La Grange, IL 60525  
(312) 354-8988

Ken Kendrick, President

Private

**Accountants Computer Resources Corporation**

4001 N. 3rd Street, Suite 270  
Phoenix, AZ 85012  
(602) 274-2716

Stephen Pomery, CEO

Total Employees: 12

Services: Pfs ApplSW

Private

**Accountants Computer Services**

41590 Joy Road  
Plymouth, MI 48170  
(313) 451-7650

William Morrison, President

Total Employees: 10

Services: Proc

Private

**Accountants Microsystems, Inc.**

Please see SCS/Computer, Inc.

**Accountants Processing Center**

2200 S. Brentwood Boulevard  
St. Louis, MO 63144  
(314) 968-3434

Palmer L. Conran, President

Private

**Accounting Datamation, Inc.**

1300 S. State College Blvd.  
Anaheim, CA 92086  
(714) 956-0450

John M. Weir, President

Services: ApplSW TkY

Private

**Accounting Data Service**

511 Millburn Ave.  
Short Hills, NJ 07078  
(201) 467-0050

Herbert Sarwin, President

Total Revenue, FYE 12/86: \$ 0.7 m

Total Employees: 8

Services: Pfs Proc

Private

**Accounting Systems Corporation**

59 Schoolground Rd.  
Branford, CT 06405  
(203) 481-4201

John W. O'Brien, President

Services: Proc ApplSW TkY

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Accounting/ The Linuen Group**

39-49 48 St.  
Long Island City, NY 11104  
(718) 672-3773

Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
Total Employees: 15  
Services: Pfs ApplSW  
Private

**AccountMate SourceMate Information Systems, Inc.**

20 Sunnyvale Avenue  
Mill Valley, CA 94941  
(415) 381-1011

Services: ApplSW  
Private

**AccTex Information Systems**

131 Stewart Street  
San Francisco, CA 94105  
(415) 543-4290

Maison Grigsby, President  
Total Revenue, FYE 06/86: (Est) \$ 2.5 m  
Total Employees: 20  
Services: ApplSW SysInt Tky  
Private

**Accurate Key punch Service, Inc.**

10720 Caribbean Boulevard, #435  
Miami, FL 33189  
(305) 238-4525

Bett Cadwallader, President  
Total Employees: 6  
Services: Proc  
Private

**Accuray Corporation**

650 Ackerman Road  
P.O. Box 02248  
Columbus, OH 43202  
(614) 261-2000

Dave L. Nelson, President  
Public

**Acusoft, Inc.**

126 Alto Street  
San Rafael, CA 94901  
(415) 459-7540

Murray Wilkinson, President  
Private

**ACE Publishing Ltd.**

390 Fifth Avenue, 3rd Floor  
New York, NY 10018  
(212) 239-8686

Private

**Ace Software Inc.**

6110 Enterprise Parkway  
Grove City, OH 43123  
(614) 875-4910

Michael Uhrin, President  
Total Employees: 14  
Services: ApplSW  
Private

**ACES Software**

2526 Manana, Suite 105  
Dallas, TX 75220  
(214) 323-1102

Jon R. Moore, President  
Private

**A.C. Nielsen Company**

Please see Dun & Bradstreet Corporation (The)

**ACPI, Ltd.**

485 Underhill Blvd.  
Syosset, NY 11791-3413  
(516) 496-7700

Morris Moliver, President  
Services: Proc ApplSW Tky  
Private

**ACS**

23272 Del Lago Drive  
Laguna Hills, CA 92653  
(714) 472-8186

Larry Brissendend, President  
Total Employees: 14  
Services: ApplSW  
Private

**ACS Network Systems**

1485 Enca Court  
Suite 1200  
Concord, CA 94520  
(415) 827-3820

Lewis Jenkins

Total Revenue, FYE 12/88: (Est) \$ 1.5 m  
Total Employees: 15  
Services: Network  
Private

**Action Data Services**

7822 Bon Homme Ave.  
St. Louis, MO 63105  
(314) 867-7700

Jim Rosenouer, General Manager  
Total Employees: 90  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Activision, Inc.**

2350 Bayshore Frontage Road  
Mountain View, CA 94043  
(415) 960-0410

James H. Levy, President

Services: ApplSW

Public

Subsidiaries/Divisions:

**Infocom, Inc.**

125 Cambridge Park Drive  
Cambridge, MA 02140  
(617) 492-6000

**ACTS Corporation**

P.O. Box 180  
Kingsland, TX 78639  
(915) 388-3110

Bill Carico, President

Total Employees: 10

Services: Pfs

Private

**Actuarial Computer Technology, Inc.**

6410 Rockledge Drive, Suite 200  
Bethesda, MD 20817  
(301) 530-4400

Walter Frasier, President

Private

**ADAC Laboratories**

4747 Hellyer Ave.  
San Jose, CA 95138  
(408) 365-2000

Charles Cantoni, President

Services: Proc Tky

Public

**Adalcar Group, Ltd. (The)**

572 Washington St., Suites 9-12  
Wellesley, MA 02181  
(617) 431-1785

Alan H. Silva, President

Services: Pfs ApplSW

Private

**ADAPT**

P.O. Box 56  
Nokomis, FL 33555  
(813) 484-4686

Private

**Adaptable Laboratory Software, Inc.**

2024 West Henrietta Rd.  
Rochester, NY 14623  
(716) 272-0070

Peter Helmers, President

Services: ApplSW

Private

**Addmaster Corporation**

2000 S. Myrtle Avenue  
Monrovia, CA 91016-7116  
(818) 358-2395

Services: Tky

Private

**Adelle Corporation**

125 Cambridge Park Drive  
Cambridge, MA 02140  
(617) 354-0400

Charles A. Khuen, President

Total Employees: 110

Services: Pfs Proc

Private

**Adesse Corporation (The)**

36 Mill Plain Road  
Suite 307  
Danbury, CT 06811  
(203) 790-9473

Gerald M. DePass

Total Revenue, FYE 11/88: (Est) \$ 2.5 m

Total Employees: 55

Private

**Administrative Data Systems, Inc.**

Box 7653  
Atlantic City, NJ 08404  
(609) 728-3464

Private

**Admins, Inc.**

675 Massachusetts Avenue  
Cambridge, MA 02138  
(617) 661-3206

Stuart D. McIntosh, President

Total Revenue, FYE 06/86: \$ 0.8 m

Is Revenue: \$ 0.6 m

Total Employees: 10

Services: ApplSW

Private

**Adobe Systems, Inc.**

1585 Charleston Road  
Mountain View, CA 94039-7900  
(415) 961-4400

John E. Warnock, President

Total Employees: 240

Services: ApplSW SysSW

Public

**ADPAC Corporation**

340 Brannan Street, Suite 501  
San Francisco, CA 94107  
(415) 974-6699

Peter P. Harris, President

Total Employees: 22

Services: SysSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**ADP Banking and Thrift Division**

Please see Automatic Data Processing, Inc.

**ADP Brokerage Services Division**

Please see Automatic Data Processing, Inc.

**ADP Collision Estimating Services, Inc.**

Please see Automatic Data Processing, Inc.

**ADP Comtrend Division**

Please see Automatic Data Processing, Inc.

**ADP Dealer Services Division**

Please see Automatic Data Processing, Inc.

**ADP Financial Information Services**

Please see Automatic Data Processing, Inc.

**ADP Manufacturing Services Division**

Please see Automatic Data Processing, Inc.

**ADP National Accounts Division**

Please see Automatic Data Processing, Inc.

**ADP Network Services Division**

Please see Automatic Data Processing, Inc.

**ADP Thrift Services Division**

Please see Automatic Data Processing, Inc.

**ADS Associates, Inc.**

23586 Calabasas Road

Suite 200

Calabasas, CA 91302

(818)347-9113

Gregory M. Pond

Total Revenue, FYE 12/88: (Est) \$ 5.0 m

Total Employees: 33

Services: ApplSW

Private

Subsidiaries/Divisions:

**ADS Systems**

22900 Ventura Boulevard, Suite 255

Woodland Hills, CA 91364

(213) 347-9100

Services: ApplSW

**ADS Software, Inc.**

707 5th Street

P.O. Box 13686

Roanoke, VA 24016

(703) 344-6818

William Lawton, President

Total Employees: 15

Services: ApplSW

Private

**ADS Systems**

Please see ADS Associates, Inc.

**Advance Business Services**

29325 Aurora Road

Solon, OH 44139

(216) 349-2598

Donald D. Webster, President

Services: Proc ApplSW

Private

**Advanced Applications Inc.**

World Trade Center, Suite 105

San Francisco, CA 94111

(415) 397-7843

Charles A. Olson, President

Total Employees: 3

Services: Proc ApplSW SysSW

Private

**Advance Data**

P.O. Box 733

Jonesboro, AR 72401

(501) 932-8341

Dale May, President

Private

**Advanced Business Communications, Inc.**

4401 Beltwood Place

South Dallas, TX 75244

(214)386-3500

Bob Dans

Total Employees: 120

Services: Network

Private

**Advanced Business Computing**

1580 Northwest Highway

Parkridge, IL 60068

(312) 298-0997

Private

**Advanced Business Systems, Inc.**

215 West Railroad Street

P.O. Box 596

Montezuma, GA 31063

(912) 472-2341

James D. Lester III, President

Private

**Advanced Computer Communications (ACC)**

720 Santa Barbara St.

Santa Barbara, CA 93101

(805) 963-9431

Roland F. Bryan, President

Total Employees: 200

Services: Tky

Private



# CAMS 1988

## Directory of Information Services Companies

### Advanced Computer Concepts, Inc.

1921 Ivanhoe Street  
Sarasota, FL 34231  
(813) 923-1811

Charles M. Gilmore, President

Total Employees: 9

Services: SysSW

Private

### Advanced Computer Management Corporation (ACM)

3001 West Big Beaver Road, Suite 402  
Troy, MI 48084  
(313) 649-1800

Harve C. Light, President

Total Revenue, FYE 11/86: \$ 7.0 m

Total Employees: 175

Services: Pfs ApplSW

Private

### Advanced Computer Techniques Corporation (ACT)

16 East 32nd St.  
New York, NY 10016  
(212) 696-3600

Oscar H. Schachter

Total Employees: 175

Services: Pfs SysSW Tky

Public

### Advanced Cybernetics, Inc.

4 Park Plaza, Park Road North  
Wyomissing, PA 19610  
(215) 374-2207

Robert Furtchy

Services: Pfs ApplSW Tky

Private

### Advanced Data Group

20370 Town Center Lane, Ste. 255  
Cupertino, CA 95014  
(408) 446-4346

Richard Wieckowicz, President

Services: Proc

Private

### Advanced Data Institute, Inc.

8001 Fruitridge Road  
Sacramento, CA 95820  
(916) 381-8334

Edward M. Porrazzo, President

Total Employees: 25

Services: ApplSW SysSW SysInt Tky

Private

### Advanced Data Management, Inc.

1517 Main Street  
Kingston, NJ 08528  
(609) 799-4600

Hank McCauley, President

Total Revenue, FYE 10/86: (Est) \$ 5.0 m

Total Employees: 35

Services: Pfs Proc ApplSW

Private

### Advanced Data Processing, Inc.

230 W. Cott  
Houston, TX 77007  
(713) 880-2300

George G. Stubblefield, President

Services: Proc

Private

### Advanced Data Systems, Inc.

4010 Long Beach Blvd.  
Long Beach, CA 90807  
(213) 426-8155

Dennis L. Christy, President

Total Revenue, FYE 12/86: \$ 2.0 m

Total Employees: 20

Services: Proc

Private

### Advanced Data Technologies, Inc.

122 Naubuc Avenue  
Glastonbury, CT 06033  
(203) 659-2631

Keith N. Flotte, President

Private

### Advanced Digital Data, Inc.

254 Route 206  
Flanders, NJ 07836  
(201) 584-4026

Bruce Bott, President

Services: Proc Tky

Private

### Advanced Healthcare Systems, Inc.

4330 East West Highway, Suite 914  
Bethesda, MD 20814  
(301) 656-9411

William Pomerance, President

Total Revenue, FYE 11/86: (Est) \$ 0.5 m

Total Employees: 4

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Advanced Ideas, Inc.**  
2902 San Pablo Avenue  
Berkeley, CA 94702  
(415) 526-9100

Gary Schwartz, President  
Total Revenue, FYE 10/86: \$ 0.4 m  
Total Employees: 15  
Services: ApplSW  
Private

**Advanced Institutional Management Software, Inc.**

485 Underhill Blvd.  
Syosset, NY 11791-3413  
(516) 496-7700

Morris Moliver, CEO  
Services: ApplSW  
Public

**Advanced Management Technologies**

P.O. Box 71  
Cyprus, TX 77429  
(713) 373-1905

Joe Morris, President  
Total Employees: 4  
Services: ApplSW  
Public

**Advanced Medical Systems**

55 Maple Avenue  
Rockville Center, NY 11570  
(516) 764-5953

Gerold Ehrlich, President  
Private

**Advanced Microsolutions**

2510 Middlefield Road  
Redwood City, CA 94063  
(415) 325-7694

Greg Lawson, President  
Services: Pfs Proc ApplSW SysSW  
Private

**Advanced Software Products**

100 East Linton Blvd.  
Delray Beach, FL 33444

Robert Lindsay, President  
Private

**Advanced System Applications, Inc.**

One ASA Plaza  
Bloomington, IL 60108  
(312) 893-9055

John W. Blaney  
Total Employees: 858  
Services: Proc  
Private

**Advanced Systems Development**

2800 Shirlinton Road  
Suite 800  
Alexandria, VA 22206  
(703) 998-3900

R. Bennett, President  
Total Revenue, FYE 09/87: \$ 6.5 m  
Total Employees: 100  
Private

**Advanced Systems for Cellular**

4521 Campus Drive  
Suite 128  
Irvine, CA 92715  
(714) 852-0714

Karen Huber, President  
Total Revenue, FYE 12/86: (Est) \$ 0.5 m  
Total Employees: 14  
Services: Pfs Proc ApplSW SysInt Tky  
Private

**Advanced Systems, Inc.**

1751 West Diehl Road  
Arlington Heights, IL 60540  
(312) 369-3000

William R. Roach, President  
Total Employees: 803  
Services: Pfs ApplSW  
Public

**Advanced Technology, Inc.**

Please see Emhart Corporation

**Advanced Technology International, Inc.**

Please see Advanced Technology, Ltd.

**Advanced Technology, Ltd.**

Tel Aviv  
Israel

Subsidiaries/Divisions:

**Advanced Technology International, Inc.**

350 5th Avenue  
New York, NY 10118  
(212) 947-4755

Moshe Canaani, CEO  
Services: Pfs ApplSW

**Advanced Technology Systems, Inc. (ADTEC)**

P.O. Box 6800  
Norcross, GA 30091  
(404) 447-6604

John Noonan, General Manager  
Total Revenue, FYE 12/86: \$ 8.6 m  
Is Revenue: \$ 8.0 m  
Total Employees: 110  
Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Advanced Vision Research, Inc.**

2201 Qume Drive  
San Jose, CA 95131  
(408) 434-1115

Dan Scale

Total Employees: 55

Services: Tky

Private

**Advantage Systems, Inc.**

950 Winter Street, Suite 2100  
Waltham, MA 02154  
(617) 890-2400

Joseph H. Bayne, Jr., President

Private

**Advent On-line Knowledge, Inc.**

1305 Wiley Road  
Suite 133  
Schaumburg, IL  
(312) 884-6800

Vira Van, President

Services: Pfs Proc ApplSW

Private

**Advent Software, Inc.**

512 Second Street  
San Francisco, CA 94107  
(415) 543-7696

Stephanie De Marco, President

Services: ApplSW

Private

**Adventure International**

P.O. Box 3435  
Longwood, FL 32750  
(305) 862-6917

Scott Adams, President

Services: ApplSW

Private

**Advertising Data Systems, Inc.**

2500 Mount Moriah Road  
Suite C555  
Memphis, TN 38115  
(901) 795-8200

James Whipple, President

Total Employees: 10

Services: ApplSW

Private

**Advertising Distributors Of America**

720 Stewart Avenue  
Garden City, NY 11530  
(516) 231-5700

Roy Harris, President

Private

**ADVO-System, Inc.**

One Unicec Lane  
Windsor, CT 06095-2668  
(203) 285-6211

H. R. Beath, President

Total Revenue, FYE 10/87: (Est) \$ 500.0 m

Total Employees: 5,000

Services: Network

Public

**Adwest Corporation**

123 North Wachter Drive  
Chicago, IL 60606  
(312) 782-1836

Charles Parter, President

Services: Pfs

Private

**A Few Good People, Inc.**

5025 Tierra Antigua  
Whittier, CA 90601  
(213) 942-0062

David Balch, President

Total Employees: 3

Services: SysSW

Private

**Affiliated Concepts, Inc.**

228 West Carrillo Street, Suite A  
Santa Barbara, CA 93101  
(805) 962-8489

Dominic Camardella, President

Services: Pfs ApplSW Tky

Private

**AGAPE Enterprises**

2818 Palmer Highway  
Texas City, TX 77590  
(409) 948-3461

James M. Orr, Partner

Private

**Agate Systems, Inc.**

290 High Street  
Holyoke, MA 01040  
(413) 532-6225

James R. Gillis, President

Total Employees: 7

Services: ApplSW

Private

**Agbabian Associates**

Private

Subsidiaries/Divisions:

**University Software Systems**

250 North Nash Street  
El Segundo, CA 90245  
(213) 772-0681

Robert Ewing, President

**CAMS 1988**  
**Directory of Information Services Companies**

**AG Computer Service**

4037 West 50th  
Amarillo, TX 79109  
(806) 353-9967

Ray Sammons, President

Total Employees: 4

Services: Pfs Tky

Private

**AG Continuum Company (The)**

9500 Arboretum Blvd.  
Austin, TX 78759-6399  
(512) 345-5700

Ronald C. Carroll, President

Total Employees: 695

Services: Proc ApplSW

Public

**AgData**

891 Hazel Street  
Gridley, CA 95948  
(916) 846-6203

Dan Boeger, President

Total Employees: 11

Services: Proc ApplSW

Private

**AGENA Corporation**

9709 3RD Avenue N.E.  
Seattle, WA 98115  
(206) 525-0005

L.L. Mangis, President

Total Revenue, FYE 12/87: \$ 22.0 m

Total Employees: 188

Services: Proc Tky

Private

**Agency Management Systems, Inc.**

One Heritage Drive  
North Quincy, MA 02171  
(617) 472-5150

David W. Wroe, President

Total Employees: 545

Services: Proc Tky

Private

**Subsidiaries/Divisions:**

**ARC/AMS**

One Heritage Dr.  
North Quincy, MA 02171  
(617) 472-5150

David W. Wroe, President

Total Employees: 400

Services: Proc Tky

Private

**Agfa Gevaert, Incorporated**

West Germany  
Public

**Subsidiaries/Divisions:**

**Compugraphic Corporation**

200 Ballardvale St.  
Wilmington, MA 01887  
(617) 658-5600

Carl E. Dantas, President

Total Employees: 4,000

Services: Tky

**Ag/Pac**

427 Grand Canyon  
Madison, WI 52719  
(800) 872-4722

Services: ApplSW

Private

**AGPRO Computer Technology**

12400 Olive Blvd., Suite 350  
St. Louis, MO 63141  
(314) 533-2288

William Larsenbacher, President

Services: ApplSW

Private

**AgriData Systems, Inc.**

8989 Westheimer, Suite 100  
Houston, TX 77063  
(713) 784-8759

Pamela DeZevallos, President

Private

**Agrimetrix Associates**

P. O. Box 1160  
Chester, VA 23831  
(804) 748-8176

Sidney Brown

Services: Pfs

Private

**Agro Systems Corporation**

P.O. Box 64539  
Lubbock, TX 79464  
(806) 745-1633

E. Allen Lash, President

Private

**AGS Computers, Inc.**

1139 Spruce Drive  
Mountainside, NJ 07092  
(201) 654-4321

Lawrence J. Schoenberg

Total Employees: 3,199

Services: Pfs ApplSW SysSW SysInt

Public

**Subsidiaries/Divisions:**

**CAMS 1988**  
**Directory of Information Services Companies**

**Software Design Associates, Inc.**

71 Fifth Ave.  
New York, NY 10003  
(212) 741-5200

Seth Hanover, CEO  
Services: Pfs

**Systems Strategies, Inc.**

225 West 34th St.  
New York, NY 10001  
(212) 279-8400

Stanley Adelman, CEO  
Services: Pfs ApplSW

**Vista Concepts, Inc.**

5 Hanover Square  
New York, NY 10004  
(212) 943-9070

Ellis Denmark, President  
Total Employees: 150  
Services: ApplSW

**Aha, Inc.**

P.O. Box 8405  
Santa Cruz, CA 95061  
(408) 458-9119

Ron Swenson, President  
Total Revenue, FYE 12/86: (Est) \$ 0.3 m  
Total Employees: 6  
Services: Pfs ApplSW  
Private

**A & H Income Tax Centers, Inc.**

820 Hempstead Turnpike  
Franklin Square, NY 11010  
(516) 352-1333

Andrew Beelo, President  
Private

**A.I. Architects, Inc.**

1 Kendall Square, Building 400  
Cambridge, MA 02139  
(617) 577-8052

Richard Soley  
Total Employees: 21  
Services: Network SysSW  
Private

**Aicorp, Inc.**

100 Fifth Ave.  
Waltham, MA 02254  
(617) 890-8400

Robert Goldman  
Services: Pfs ApplSW  
Private

**Aid Data Systems, Inc.**

P.O. Box 750  
Millersville, MD 21108  
(301) 987-6822

Charles H. Wheatley, President  
Services: Pfs Proc ApplSW Tky  
Private

**AIMS/ACPI**

485 Underhill Boulevard  
Sysosset, NY 11791-3413  
(516) 496-7700

Morris Moliver, President  
Total Revenue, FYE 03/86: (Est) \$ 6.0 m  
Total Employees: 90  
Services: Pfs Proc ApplSW Tky  
Public

**Aims Plus, Inc.**

1001 S. Sherman  
Richardson, TX 75081  
(214) 669-8904

Dana K. McIntosh, President  
Total Revenue, FYE 01/86: \$ 0.8 m  
Total Employees: 10  
Services: Pfs ApplSW  
Private

**AIM Technology**

3350 West Bayshore Road  
Suite 203  
Palo Alto, CA 94303  
(415) 856-UNIX

James N. Acers  
Total Employees: 13  
Private

**Aion, Inc.**

101 University Avenue  
Palo Alto, CA  
(415) 328-9595

Harry Reinstein, President  
Services: ApplSW  
Private

**Airs, Inc.**

335 Paint Branch Drive  
College Park, MD 20742  
(301) 454-2022

W. Theodore Durr  
Total Revenue, FYE 12/88: (Est) \$ 0.9 m  
Total Employees: 8  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**AIS Corp.**

225 Jackson St.  
Bridgewater, NJ 08807  
(201) 526-8100  
Steven Sullivan, President  
Total Employees: 58  
Services: ApplSW  
Private

**A.J. & M. Associates**

5180 Meridian Avenue  
San Jose, CA 95118  
(408) 723-3701  
Services: Pfs  
Private

**Aker Corp.**

19782 McArthur Blvd.  
Suite 305  
Irvine, CA 92715  
(714) 250-1718  
Noam Aharon/A. Miko Hasson, CEO/President  
Services: Pfs ApplSW  
Private

**Albert Ramond and Associates**

5005 Newport Drive  
Suite 600  
Rolling Meadows, IL 60008  
(312) 577-6868  
J. Joseph McGuan, President  
Total Revenue, FYE 10/87: (Est) \$ 1.5 m  
Total Employees: 20  
Services: Pfs ApplSW  
Private

**Alcar Group, Inc. (The)**

5215 Old Orchard Road  
Suite 600  
Skokie, IL 60077  
(312) 967-4200  
Alfred Rappaport, Founder  
Private

**ALDON Computer Group**

405 14th Street  
Oakland, CA 94612  
(415) 839-3535  
Albert L. Magid, President  
Total Revenue, FYE 03/86: (Est) \$ 0.5 m  
Total Employees: 4  
Services: Pfs  
Private

**Aldus Corporation**

411 1st Ave., South  
Suite 200  
Seattle, WA 98104  
(206) 622-5500  
Paul Brainerd, President  
Total Employees: 200  
Services: ApplSW  
Public

**Alexander & Alexander, Inc.**

1211 Avenue of the Americas  
New York, NY 10036  
(212) 840-8500  
Linsley H. Irwin, CEO  
Total Revenue, FYE 12/86: \$ 1,068.2 m  
Is Revenue: \$ 6.5 m  
Services: Pfs Proc  
Public

**Subsidiaries/Divisions:**

**Anistics Inc.**

220 East 42nd Street  
New York, NY 10017  
(212) 972-9600

**Benefacts, Inc.**

300 East Joppa Road  
Baltimore, MD 21204  
(301) 296-5500  
Robert R. Baker, Jr., Managing VP  
Services: Pfs Proc ApplSW

**Alfred Publishing Co., Inc.**

15335 Morrison Street  
P.O. Box 5964  
Sherman Oaks, CA 91403  
(213) 881-6290  
Private

**Al Lee & Associates, Inc.**

9 Meadow Ranch Road  
McKinney, TX 75069  
(214) 248-0823  
Alan F. Lee, President  
Total Employees: 20  
Services: ApplSW  
Private

**Allen-Bradley Co., Inc.**

Please see Rockwell International Corporation

**Allied Data**

P.O. Box 2406  
Olympia, WA 98507  
(206) 456-3535  
Robert L. Lovely, Gen. Mgr.  
Services: Pfs Proc ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Allied Insurance Services, Inc.**

3000 Northwoods Parkway, Suite 280  
Norcross, GA 30071  
(404) 446-8408

Robert E. Aurand, President  
Services: ApplSW Tky  
Private

**Alpha Beta Data Services, Inc.**

1501 Wilshire Boulevard  
Los Angeles, CA 90017  
(213) 413-3282

Mildred Kramer, President  
Total Employees: 120  
Services: Proc  
Private

**Alpha Data Systems Inc.**

4887 Alpha Road  
Dallas, TX 75244  
(214) 233-7062

Charles Erickson, President  
Services: Proc  
Private

**Alpha Soft**

941 W. Carson, Suite 318  
Torrance, CA 90502  
(213) 212-7477

Walter Brubaker, President  
Services: Pfs ApplSW  
Private

**Alpha Software**

30 B Street  
Burlington, MA 01803  
(617) 229-2924

Richard Rabins, President  
Services: ApplSW  
Private

**Alphatext, Inc.**

Please see Bell Canada Enterprises

**Alpine Data Systems**

737 So. Townsend Avenue  
Montrose, CO 81401  
(303) 249-1400

Jesse Tarshis, President  
Total Employees: 9  
Services: SysSW SysInt  
Private

**ALP Systems**

190 West 800 North  
Provo, UT 84604  
(801) 581-0051

A.T. Zirke, President  
Total Revenue, FYE 12/86: \$ 2.8 m  
Is Revenue: \$ 1.7 m  
Total Employees: 115  
Services: ApplSW  
Public

**A.L. Roark and Associates, Inc.**

406 Rosemont Garden  
Lexington, KY 40503  
(606) 278-9581

A.L. Roark, President  
Total Employees: 16  
Services: ApplSW  
Private

**Alro Computer Software Services**

3100 E High Street  
PO Box 927  
Jackson, MI 49204  
(517) 787-5500

Al Glick, President  
Services: ApplSW  
Private

**ALR Systems & Software, Inc.**

224 S. 108th Avenue #7  
Omaha, NE 68154  
(402) 333-4251

Larry Andrews, President  
Total Employees: 15  
Services: Pfs ApplSW SysInt Tky  
Private

**ALSYS, Inc.**

1432 Main Street  
Waltham, MA 02154  
(617) 890-0030

Private

**Altai, Incorporated**

2509 Dalworth  
Grand Prairie, TX 75050  
(214) 641-0086

C.B. Russey, President  
Total Employees: 160  
Services: SysSW  
Public

Subsidiaries/Divisions:

**CAMS 1988**  
**Directory of Information Services Companies**

**ALTAI Software Division**

624 Six Flags Drive, Suite #150  
Arlington, TX 76011  
(817) 640-8911  
James Patrick Williams  
Services: ApplSW  
Public

**ALTAI Software Division**

Please see Altai, Incorporated

**Alumni Computer Group, Inc.**

155 N. Michigan Avenue  
Suite 722  
Chicago, IL 60601  
(312) 856-1122

R. Plashkes

Total Revenue, FYE 02/88: (Est) \$ 2.5 m  
Services: ApplSW  
Private

**Amalgamated Software of North America, Inc.**  
(ASNA)

P.O. Box 6610  
Malibu, CA 90265-6610  
(213) 457-1028

David Ferguson, CEO  
Services: ApplSW  
Private

**Amaray Packaging Corporation**

3627 Stern Avenue  
St. Charles, IL 60174  
(312) 377-3999

Private

**Amcom Data Processing**

464 McCormick Street  
San Leandro, CA 94577  
(415) 638-1212

Steve McClarey, President

Total Revenue, FYE 06/86: (Est) \$ 2.0 m

Total Employees: 28

Services: Proc Tky

Private

**Amdahl**

1250 E. Arques Ave.  
Sunnyvale, CA 94088-3470  
(408) 746-6000

John C. Lewis

Total Employees: 7,650

Services: SysSW

Private

**AM Data Services**

205 Whitney Avenue  
New Haven, CT 06511  
(203) 777-8381

Donald Mulvey, President

Services: Proc

**Amer-Cal, Inc.**

115 E. University Drive  
Arlington Heights, IL 60004  
(312) 398-4700

Thomas Cotteleer, President

Private

**American Automated**

Please see First Financial Management Corp.

**American Brands, Inc.**

Public

Subsidiaries/Divisions:

**American Franklin Company**

Franklin Square  
Springfield, IL 62713  
(217) 528-2011

James N. Cranwill, Manager

Services: Proc

**American Business Computers**

30500 Northwestern Highway, Suite 100  
Southfield, MI 48034  
(313) 855-4520

Kimba Vasquez, President

Total Revenue, FYE 01/88: \$ 1.5 m

Services: ApplSW

Private

**American Business Systems, Inc. (ABS)**

3 Littleton Road  
Westford, MA 01886  
(617) 692-2600

Jim Hamilton, President

Services: ApplSW

Private

**American Chemical Society**

Private

Subsidiaries/Divisions:

**Chemical Abstracts Services (CAS)**

P.O. Box 3012  
Columbus, OH 43210  
(614) 421-3663

Dale Baker, Director

Services: Pfs Proc

**American Computer Professionals**

P.O. Box 5125  
Columbia, SC 29250  
(803) 256-2343

John Reinquist, President

Services: Pfs

Private



**CAMS 1988**  
**Directory of Information Services Companies**

**American Computer Technology, Inc.**

2520 Harris Avenue  
Cincinnati, OH 45212-2718  
(513) 531-7800

Jerry McMahon, Chairman

Services: SysInt

Private

**American Custom Software**

P.O. Box 189  
Cookeville, TN 38503  
(615) 537-6516

John Brady, President

Total Revenue, FYE 11/87: (Est) \$ 1.0 m

Total Employees: 10

Services: Pfs Network ApplSW

Private

**American Datacom**

16931 Milliken Avenue  
Irvine, CA 92715  
(714) 863-3000

James Woods, President

Total Employees: 60

Services: SysSW Tky

Private

**American Data Services, Inc.**

4550 S.W. Macadam Ave.  
Portland, OR 97201  
(503) 224-9110

Edward O. Haymond, Jr., President

Total Employees: 190

Services: Proc Network

Public

**American Dynamic Systems & Services**

4000 Mac Arthur Blvd., Suite 760  
Newport Beach, CA 92660  
(714) 472-9411

Martin C. Glassman, President

Private

**American Educational Computer, Inc.**

7506 N. Broadway, Suite 505  
Oklahoma City, OK 73116  
(405) 840-6031

Doug Frans, President

Total Employees: 20

Services: ApplSW

Private

**American Express Company**

American Express Tower  
World Financial Center  
New York, NY 10285-4805  
(212) 640-2000

Louis V. Gerstner, Jr., President

Total Revenue, FYE 12/86: \$ 14,652.0 m

Public

**Subsidiaries/Divisions:**

**First Data Resources Inc.**

7301 Pacific St.  
Omaha, NE 68114-5497  
(402) 399-7000

Henry C. Duques, President

Total Employees: 7,200

Services: Proc

**American First Credit Union**

Private

**Subsidiaries/Divisions:**

**Electronic Processors, Limited (EPL)**

1225 Fifth Avenue, North  
Birmingham, AL 35203  
(205) 325-3939

Robert Altmar, President

Services: Proc ApplSW

**American Franklin Company**

Please see American Brands, Inc.

**American Hospital Supply Corp. (AHS)**

Acquired. Please see Baxter Healthcare Corporation

**American Information Services, Inc.**

Halsted at 17th Street  
Chicago, IL 60411  
(312) 755-3770

Roger A. Sampson, President

Services: Proc

Private

**American Information Systems**

15 Walnut Street  
P.O. Box 367  
Wellsboro, PA 16901  
(717) 724-1588

Clint Kreitner, President

Services: ApplSW

Private

**American Key punch & Systems**

675 Massachusetts Avenue  
Cambridge, MA 02139  
(617) 492-0600

Leonard Phillips, President

Total Employees: 2

Services: Proc

Private

**American Legal Systems**

30 East 28th Street  
New York, NY 10036  
(212) 944-2520

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**American Management Systems, Inc.**

1777 North Kent St.  
Arlington, VA 22209  
(703) 841-6000

Charles O. Rossotti, President  
Total Employees: 2,410  
Services: Pfs Proc ApplSW  
Public

**Subsidiaries/Divisions:**

**Data Base Management Inc. (DBMI)**

1075 Tolland Turnpike  
Manchester, CT 06040  
Joseph Wehr, VP  
Total Employees: 100

**American Medical International, Inc.**

414 North Camden Drive  
Beverly Hills, CA 90210  
(213) 278-6200  
Walter L. Weisman, President  
Total Revenue, FYE 08/86: \$ 3,468.2 m  
Public

**Subsidiaries/Divisions:**

**Professional Hospital Services**

12960 Coral Tree Place  
Los Angeles, CA 90066  
(213) 821-2323  
Revell B. Lamprecht, President  
Services: Proc

**American Micro Dynamics, Inc.**

3848 Campus Drive, Suite 216  
Newport Beach, CA 92660  
(714) 852-1551  
Martin C. Glasoman, CEO  
Private

**American Micro Systems Corporation**

332 S. Michigan Avenue, Suite 1836  
Chicago, IL 60604  
(312) 663-1254  
Barry R. Sloane, President  
Services: Pfs ApplSW Tky  
Private

**American Service Associates**

1965 New Hope Street  
Morristown, PA 19401  
(215) 275-3724  
Van Brakel, President  
Private

**American Small Business Computers, Inc.**

327 South Mill Street  
Pryor, OK 74361  
(918) 825-4844  
Bruce Taylor, CEO  
Total Employees: 18  
Services: ApplSW  
Private

**American Software, Inc.**

470 E. Paces Ferry Road  
Atlanta, GA 30305  
(404) 261-4381  
James C. Edenfield, President  
Total Employees: 379  
Services: Pfs ApplSW  
Public

**American Telephone & Telegraph**

550 Madison Ave.  
New York, NY 10022  
(212) 605-5500  
Services: Pfs ApplSW SysSW Tky  
Private

**American Teleprocessing Corporation (ATC)**

10681 Haddington Street  
Houston, TX 77043  
(713) 973-1616  
Ron Brandow  
Total Revenue, FYE 03/88: (Est) \$ 35.0 m  
Is Revenue: \$ 29.8 m  
Total Employees: 40  
Services: Network  
Private

**American Training International, Inc.**

12638 Beatrice Street  
Los Angeles, CA 90066  
(213) 823-1129  
Joel Rakow, President  
Total Employees: 40  
Services: Pfs ApplSW  
Private

**American Trucking Association**

Public

**Subsidiaries/Divisions:**

**ATA Services, Inc.**

2200 Mill Road  
Alexandria, VA 22314  
(703) 838-1900  
Ron Knott, Senior Vice President  
Total Employees: 40  
Services: Proc ApplSW Tky

**CAMS 1988**  
**Directory of Information Services Companies**

**American Viking Enterprises Inc.**

P.O. Box 189  
Maitland, FL 32751  
(305) 657-9350

Susan Cruce, President

Total Employees: 14

Services: ApplSW

Private

**Ameritech**

30 South Wacker Drive  
Chicago, IL 60606  
(312) 750-5000

Total Revenue, FYE 12/86: \$ 9,362.1 m

Public

**AmeriTrust Corporation**

900 Euclid Ave.  
Cleveland, OH 44101  
(216) 687-5000

Jerry V. Jarrett, CEO

Public

Subsidiaries/Divisions:

**ATEK Information Services**

630 30th Street, N.W.  
Canton, OH 44709  
(216) 493-0585

Robert W. Spisiak

Total Employees: 200

Services: Network ApplSW

**Amherst Associates Inc.**

Acquired. Please see Ernst & Whinney (fka Amherst Consulting); HBO & Co.

**AMI**

3633 136th Place S.E.  
Bellevue, WA 98006  
(206) 643-2050

Services: Pfs ApplSW Tky

Private

**AM International, Inc.**

333 West Wacker Drive, Suite 900  
Chicago, IL 60606-1265  
(312) 558-1966

Jerry O. Williams, President

Total Revenue, FYE 07/86: \$ 621.1 m

Public

Subsidiaries/Divisions:

**Bruning CAD**

1800 Bruning Dr., West  
Itasca, IL 60143  
(312) 351-2900

Thomas D. Rooney, President

Total Revenue, FYE 07/86: (Est) \$ 30.0 m

Total Employees: 300

**AMI Systems, Inc.**

250 West 57th St.  
New York, NY 10005  
(212) 581-8300

Irving Wachs, President

Private

**Amersand Corporation**

128 S. George Street  
York, PA 17405  
(717) 845-5603

Dale R. Smith, President

Total Employees: 11

Services: ApplSW

Private

**Anacomp, Inc.**

11555 North Meridian St.  
P.O. Box 40888  
Carmel, IN 46032

(317) 844-9666

Louis P. Ferrero, President

Total Employees: 3,700

Services: Pfs Proc Tky

Public

Subsidiaries/Divisions:

**DatagraphIX**

10977 San Diego Mission Road  
San Diego, CA 92108  
(619) 291-9960

**ERCO**

1600 S. Brown St.  
Dayton, OH 45409  
(513) 228-8051

Jack Sowder, President

**Analog Precision, Inc.**

1620 N. Park Avenue  
Tucson, AZ 85719  
(602) 622-1344

H. Keith Henson, President

Services: ApplSW Tky

Private

**Analysis & Computer Systems, Inc.**

209 Burlington Road  
Bedford, MA 01730  
(617) 275-5800

John Fusco, President

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Analysis & Programming Corp.**  
151 Harvard Avenue  
Stamford, CT 06902  
(203) 327-6077  
Walter Nelson, President  
Services: Pfs Proc  
Private

**Analysis & Technology, Inc.**  
P.O. Box 220  
North Stovington, CT 06359  
(203) 599-3910  
A. T. Mollegem Jr., President  
Private

**Analysts International Corporation**  
7615 Metro Blvd.  
Minneapolis, MN 55424  
(612) 835-2330  
Frederick W. Lang, President  
Total Employees: 1,100  
Services: Pfs  
Public

**Analytical Processes Corporation**  
635 Main  
Montrose, CO 81401  
(303) 249-1400  
Jack Dooley, Marketing Manager  
Services: Pfs Proc ApplSW Tky  
Private

**Analytical Technologies, Inc.**  
30300 Telegraph Road, Suite 184  
Birmingham, MI 48010  
(313) 540-4440  
Total Revenue, FYE 12/86: \$ 5.3 m  
Total Employees: 150  
Services: Pfs  
Private

**Analytics, Inc.**  
2500 Marilyn Rd.  
Willow Grove, PA 19090  
(215) 657-4100  
Steven W. Leibholz, President  
Services: Pfs ApplSW  
Private

**ANATECH**  
30300 Telegraph Road  
Suite 18L  
Birmingham, MI 48010  
(313) 540-4440  
Private

**Andersen Consulting**  
33 W. Monroe St.  
Chicago, IL 60603  
(312) 580-0033  
Duane R. Kullberg, CEO  
Total Employees: 8,700  
Services: Pfs ApplSW SysSW SysInt  
Private

**Anderson-Bell Co.**  
11479 So. Pine Drive  
Parker, CO 80134  
(303) 841-5445  
Ed Anderson, President  
Total Employees: 10  
Services: ApplSW  
Private

**Andover Data Services, Inc.**  
4 World Trade Center, Suite 7450  
New York, NY 10048  
(212) 938-0729  
Chris Kropac, President  
Services: Pfs Proc  
Private

**Andrews, Duerr & Mantighian**  
416 Highland Ave.  
Cheshire, CT 06410  
(203) 271-1300  
David H. Andrews, President  
Services: Pfs ApplSW  
Private

**Andrew Sipos Associates**  
355 South End Avenue, Suite 26B  
New York, NY 10280  
(212) 321-2408  
Andrew Sipos, Partner  
Services: ApplSW  
Private

**Anistics Inc.**  
Please see Alexander & Alexander, Inc.

**Ann Arbor Software**  
407 N. Main Street  
Ann Arbor, MI 48104  
(313) 769-9088  
Services: ApplSW  
Private

**Ansa Software**  
1301 Shore Way Road  
Belmont, CA 94022  
(415) 595-4469  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Anstat, Inc.**

230 Park Avenue, Suite 500  
New York, NY 10169  
(212) 557-1322

Duffy, President  
Total Employees: 3  
Services: ApplSW  
Private

**Anthusion, Inc.**

589 Grand Blvd.  
Venice, CA 90291  
(213) 392-1343

Will McWhinney, President  
Private

**Antrim Corporation**

101 East Park Boulevard, #855  
Plano, TX 75074  
(214) 422-1022

Richard R. Brink, President  
Private

**A-O Electronics, Inc. Info-SASE Corporation**

2137 Flinstone Drive  
Tucker, GA 30084  
(404) 491-8044

George Shee  
Services: Tky  
Private

**A.O. Smith Data Systems, Inc.**

Acquired. Please see Deluxe Corporation

**Apex Data Systems**

6464 East Grant Road  
Tucson, AZ 85715  
(602) 298-1991

Dwight Babcock, President  
Services: Pfs Proc ApplSW Tky  
Private

**APL Data Systems**

710 W. Main Street  
Arlington, TX 76013  
(817) 265-2132

Harley Courtney, President  
Private

**APL Group, Inc. (The)**

644 Danbury Road  
Wilton, CT 06897  
(203) 762-3933

Daniel Codman, President  
Total Employees: 100  
Services: Pfs ApplSW  
Private

**Apollo Computer Systems, Inc.**

616 14th Street  
Arcata, CA 95521  
(707) 822-0318

Doug Minkema, President  
Total Employees: 7  
Services: ApplSW  
Private

**APPINTEC Corporation**

1000 Broadway, Suite 292  
Oakland, CA 94607  
(415) 891-9444

Robin Retallick, President  
Total Revenue, FYE 06/86: (Est) \$ 2.0 m  
Total Employees: 20  
Services: Pfs ApplSW  
Private

**Apple Computer**

20525 Mariani Ave.  
Cupertino, CA 95014  
(408) 996-1010

John Sculley, President  
Total Employees: 7,228  
Services: ApplSW SysSW  
Public

**Subsidiaries/Divisions:**

**Claris**

440 Clyde Avenue  
Mountain View, CA 94043  
(415) 960-2612

William V. Campbell, President  
Total Employees: 210  
Services: ApplSW SysSW

**Application Design & Systems, Inc.**

5610 South Soto, Suite 202  
Huntington Park, CA 90255  
(213) 587-7343

Fred Fishel, President  
Total Revenue, FYE 04/88: (Est) \$ 2.5 m  
Total Employees: 60  
Services: Pfs  
Private

**Application Development Services**

25371 Hugo Road  
Laguna Miguel, CA 92677-1522  
(714) 495-6321

Margaret Haret  
Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Application Development Systems, Inc.**

6840 78th Avenue North  
 Minneapolis, MN 55445  
 (612) 560-8634

Ed Harris, President  
 Total Employees: 100  
 Services: SysSW  
 Private

**Application Research**

333 East State Street Suite 103  
 Rockford, IL 61104  
 (815) 962-8836

John Jencks, President  
 Total Revenue, FYE 03/86: \$ 1.1 m  
 Total Employees: 15  
 Services: Tky  
 Private

**Applications Data Enterprises**

1309 East Carson St.  
 Carson, CA 90746  
 (213) 775-4116

Norman Bohana, President  
 Private

**Applications Programming Co.**

11 West 2nd  
 Moorestown, NJ 08057  
 (609) 234-0099

Services: SysSW  
 Private

**Applications Software, Inc.**

5455 Garden Grove Blvd.  
 Suite 500  
 Westminster, CA 92683  
 (714) 891-2616

Donald H. Sundeen, President  
 Total Revenue, FYE 06/88: (Est) \$ 2.5 m  
 Total Employees: 20  
 Services: SysSW  
 Private

**Applications Systems Corp. (ASC)**

60 Temple Place  
 Boston, MA 02111  
 (617) 426-2918

Richard W. Smith, President  
 Total Revenue, FYE 06/88: (Est) \$ 2.5 m  
 Total Employees: 24  
 Services: ApplSW  
 Private

**Application Systems International**

1006 Burning Tree  
 Houston, TX 77339  
 (713) 530-4070

Ed Martin, President  
 Private

**Applicon**

Please see Schlumberger Limited

**Applied Business Systems**

1817 Springfield  
 Spokane, WA 99202  
 (509) 535-7799

John Bowers, President  
 Total Employees: 4  
 Services: Proc  
 Private

**Applied Business Technologies, Inc.**

500 A South Roberts Road  
 Bryn Mawr, PA 19010  
 (215) 527-8900

David K. Moldoff, President  
 Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
 Total Employees: 13  
 Services: Pfs ApplSW  
 Private

**Applied Color Systems, Inc.**

P.O. Box 5800  
 Princeton, NJ 08540  
 (609) 924-2189

Donald Hall, President  
 Services: Tky  
 Private

**Applied Communications, Inc.**

Please see U S West, Inc.

**Applied Computer Associates, Inc.**

16220 Frederick Road  
 Suite 100  
 Gaithersburg, MD 20877  
 (301) 948-0256

Total Employees: 11  
 Services: Proc Network ApplSW SysSW  
 Private

**Applied Computer Services**

16600 Sherman Way  
 Van Nuys, CA 91406  
 (818) 988-2220

Private

**Applied Computer Services, Inc.**

7350 W. College Drive  
 Palos Heights, IL 60463  
 (312) 448-0837

Peter Wilzak, Director  
 Services: Proc  
 Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Applied Computer Technologies**

16525 Sherman Way  
Van Nuys, CA 91406  
(818) 901-7842

Total Employees: 12

Services: Network ApplSW SysSW SysInt Tky  
Private

**Applied Computing Devices, Inc.**

100 North Campus Drive  
Aleph Park  
Terre Haute, IN 47802  
(812) 232-6051

Bill Schiendel, President

Total Employees: 140

Private

**Applied Control Systems, Inc.**

900 Perimeter Park Drive  
Morrisville, NC 27560  
(919) 467-6069

Thomas J. Purdy, President

Total Employees: 19

Services: ApplSW  
Public

**Applied Cybernetics, Inc.**

224 Camino del Cerro  
Los Gatos, CA 95030  
(408) 356-7296

John E. Hume, President

Private

**Applied Data Communications**

14272 Chambers Road  
Tustin, CA 92680  
(714) 731-9000

Private

**Applied Data, Inc. (ADI)**

33 Bernhard Rd.  
North Haven, CT 06473  
(203) 787-4100

Robert McNiff, President

Services: Proc

Public

**Applied Data Research, Inc.**

Acquired. Please see Computer Associates International

**Applied Data Services**

1550 Flower Street  
Glendale, CA 91201  
(818) 956-1646

Dare Coriati, President

Private

**Applied Decision Systems**

Name changed. Please see to Temple, Barker and Sloane

**Applied Design Company, Inc.**

2465 Sheridan Drive  
Tonawanda, NY 14150  
(716) 837-4400

Private

**Applied Development Corporation**

Acquired. Please see Cullinet Software, Inc.

**Applied Digital Communications**

214 Flynn Avenue  
Morristown, NJ 08057  
(609) 234-3666

Jerry Williamson, President

Total Employees: 10

Services: Tky

Public

**Applied Digital Data Systems (ADDS)**

100 Marcus Boulevard  
Hauppauge, NY 11788  
(516) 231-5400

David G. Laws, President

Public

**Applied Dynamics, Inc.**

3035 Directors Row, Suite 1310  
Memphis, TN 38131  
(901) 345-3211

E.G. Lawrence, President

Private

**Applied Engineering Co.**

411 West 400 South  
Salt Lake City, UT 84101  
(801) 532-5343

Ken Struhs

Private

**Applied Expert Systems, Inc. (APEX)**

5 Cambridge Center  
Cambridge, MA 02142  
(617) 492-7322

Dr. Fred L. Luconi, President

Total Revenue, FYE 12/88: (Est) \$ 7.5 m

Total Employees: 45

Services: Pfs ApplSW

Private

**Applied Information Development, Inc.**

823 Commerce Drive  
Oak Brook, IL 60521  
(312) 654-3030

Steve Holland, President

Total Revenue, FYE 12/86: \$ 25.0 m

Is Revenue: \$ 23.8 m

Total Employees: 325

Services: Pfs ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Applied Information Dynamics, Inc.**  
111 Mandala Court  
Walnut Creek, CA 94596  
(415) 934-2504  
Private

**Applied Information Systems, Inc.**  
500 Eastowne Dr., Suite 207  
Chapel Hill, NC 27514  
(919) 942-7801  
Arthur W. Coston, President  
Services: SysSW  
Private

**Applied Intelligence Inc.**  
1043 Stierlin Road  
Mountain View, CA 94043  
(415) 967-3512  
Gilbert B. Shepherd, President  
Services: ApplSW  
Private

**Applied Intelligent Systems Inc.**  
110 Parkland Plaza  
Ann Arbor, MI 48103  
(313) 995-2035  
James E. Anderson, President and CEO  
Private

**Applied Learning International, Inc.**  
Please see National Education Corporation

**Applied Management Sciences**  
962 Wayne Ave.  
Silver Springs, MD 20910  
(301) 585-8181  
Todd Tucker, President  
Services: Pfs  
Private

**Applied Management Systems, Inc.**  
5821 Park Road, Suite 204  
Charlotte, NC 28209  
(704) 554-8720  
Jerry Johnson, President  
Total Revenue, FYE 02/86: \$ 5.0 m  
Total Employees: 90  
Services: Pfs ApplSW  
Private

**Applied Microcomputer Systems**  
Page Hill Road  
Choucoura, NH 03817  
(603) 323-8666  
Peter Smart, President  
Total Employees: 6  
Services: ApplSW SysSW  
Private

**Applied Realtime Systems, Inc.**  
1700 Highway 59  
Mandeville, LA 70448  
(504) 626-1111  
John W. Thompson, President  
Total Employees: 22  
Services: ApplSW Tky  
Private

**Applied Research, Inc.**  
6151 West Century Boulevard  
Los Angeles, CA 90045  
(213) 670-0811  
Harold D. Bradley, President  
Private

**Applied Software Inc.**  
840 U.S. Hwy. 1, Suite 250  
North Palm Beach, FL 33408  
(305) 626-4818  
Walter Josephson, President  
Total Revenue, FYE 12/86: (Est) \$ 1.2 m  
Is Revenue: \$ 1.0 m  
Total Employees: 15  
Services: ApplSW  
Private

**Applitek**  
107 Audubon Road  
Wakefield, MA 01880  
(617) 246-4500  
Ash Dahod, President  
Private

**Apply, Inc.**  
112 Turnpike Road  
Westboro, MA 01581  
(617) 870-0300  
Services: ApplSW  
Private

**A.P.S. Research, Inc.**  
1062 West Taylor Street  
Chicago, IL 60607  
(312) 666-3352  
Private

**Aquas, Inc.**  
5008 Dalton Road  
Chevy Chase, MD 20815  
(301) 654-4000  
Services: Pfs Proc  
Private

**Aquidneck Data Corp.**  
170 Enterprise Center  
Middletown, RI 02840  
(401) 847-7260  
Kenneth A. Parker, President  
Services: Proc ApplSW  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**ARC/AMS**

Acquired. Please see Agency Management Systems

**Argonaut Information Systems, Inc.**

383 Grand Ave.  
Oakland, CA 94610  
(415) 444-5954

William Hixson, President  
Services: ApplSW  
Private

**Aries Technology, Inc.**

600 Suffolk Street  
Lowell, MA 01854  
(617) 453-5310

Larry McArthur, President  
Total Revenue, FYE 12/88: \$ 5.0 m  
Total Employees: 70  
Services: ApplSW SysSW Tky  
Private

**Arkansas Best Corporation**

1000 South 21st Street  
Fort Smith, AR 72901  
(501) 785-6000

Robert A. Young III, President  
Total Revenue, FYE 12/86: \$ 689.8 m  
Public

Subsidiaries/Divisions:

**Data-Tronics Corporation**

310 Towson Ave.  
Fort Smith, AR 72901  
(501) 785-8600

Jerry A. Yarbrough, President  
Services: ApplSW

**Arkansas Systems, Inc.**

8901 Kanis Rd.  
Little Rock, AR 72205  
(501) 227-8471

Dr. James K. Hendren, President  
Services: ApplSW Tky  
Private

**Ark Data Systems, Inc.**

1017 N. 3rd Street, Suite 8  
Phoenix, AZ 85004  
(602) 252-0515

Allen R. Kislring, President  
Services: ApplSW Tky  
Private

**Arkrionics Corporation**

P.O. Box 4190  
Ann Arbor, MI 48106  
(313) 769-7253

Private

**Arlington Software and Systems Corporation**

400 Massachusetts Avenue  
Arlington, MA 02174  
(617) 641-0290

Peter Brajer, President  
Services: ApplSW  
Private

**AR Mediquest**

6105 West St. Joseph St.  
Lansing, MI 48917  
(517) 323-0900

Total Employees: 31  
Services: ApplSW  
Private

**Armor Systems, Inc.**

324 N. Orlando Ave.  
Maitland, FL 32751  
(305) 629-0753

Richard Bourgie, President  
Services: ApplSW  
Private

**ARMS, Inc.**

1 Cherry Hill Road  
Cherry Hill, NJ 08002  
(607) 922-4080

Nathan Konecky, President  
Total Employees: 210  
Services: Pfs  
Private

**Arrays, Inc.**

6711 Valjean Avenue  
Van Nuys, CA 91406  
(818) 994-1899

Private

**Arrix Logic Systems, Inc. (ALS)**

36 King Henry's Blvd.  
Agincourt M1T2V4  
Ontario

Canada  
(416) 292-6425  
Private

**Arthur D. Little, Inc.**

17 Acorn Park  
Cambridge, MA 02140  
(617) 864-5770

Dr. Charles LaMantia, President  
Services: Pfs  
Public

**Arthur Young & Company**

277 Park Ave.  
New York, NY 10017  
(212) 922-3132

Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Articulate Publications**  
402 N. Larchmont Blvd.  
Los Angeles, CA 90004  
(213) 871-1350  
Services: ApplSW Tky  
Private

**Articulate Publications, Inc.**  
Please see CyCare Systems, Inc.

**Artificial Intelligence Corporation**  
Name changed. Please see Alcorp, Inc.

**Artificial Intelligence Technologies, Inc.**  
1 Skyline Drive  
Hawthorne, NY 10532  
(914) 347-6860  
Michael Stock  
Total Employees: 13  
Private

**Arvin Industries, Inc.**  
1531 Thirteenth St.  
Columbus, IN 47201  
(812) 379-3000  
James K. Baker, President  
Public

**Subsidiaries/Divisions:**

**Calspan Corp.**  
4455 Genesee St.  
Buffalo, NY 14225  
(716) 632-7500  
Dr. H. Robert Leland, President  
Services: Pfs Proc

**Advanced System Applications (ASA)**

1 ASA Plaza  
P.O. Box 385  
Bloomington, IL 60108  
(312) 893-9055  
John W. Blancy, President  
Total Employees: 750  
Services: Proc ApplSW  
Private

**ASA International, Ltd.**  
1700 West Park Drive  
Westboro, NH 01581  
(508) 898-2727  
Christopher Crane, President  
Total Employees: 147  
Services: ApplSW  
Public

**A.S.A.P. Computers**  
13620 Memorial Drive  
Houston, TX 77079  
(713) 468-1308  
James M. Orr, Director of Marketing  
Services: Pfs Tky  
Private

**ASAP Systems, Inc.**  
2425 Porter Street  
Soquel, CA 95073  
(408) 476-3935  
Private

**ASCC, Inc.**  
25954 Eden Landing Road, Suite 102  
Hayward, CA 94545  
(415) 786-1889  
Amy Cho, President  
Private

**ASC Computer Systems**  
110 A. Exchange Street  
Portland, ME 04101  
(207) 772-8620  
Richard Kelley, President  
Total Revenue, FYE 10/86: \$ 1.5 m  
Total Employees: 15  
Services: ApplSW Tky  
Private

**ASE Services Inc.**  
325 Hopping Brook Road  
P.O. Box 656  
Holliston, MA 01746  
(617) 429-7200  
Services: Pfs  
Private

**Ashtand Automation Services, Inc.**  
P.O. Box 14000  
Lexington, KY 40512  
(606) 268-7300  
Rex S. Wolf, President  
Services: Proc Tky  
Private

**Ashton Interactive Training Corporation**  
P.O. Box 5619  
Vestal, NY 13851  
(607) 748-4015  
Thomas Ashton, President  
Services: ApplSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Ashton-Tate Corp.**

20101 Hamilton Ave.  
Torrance, CA 90502-1319  
(213) 329-8000  
Edward M. Esber, Jr., Chairman  
Total Employees: 1,230  
Services: ApplSW SysSW  
Public

**ASI Computer Systems, Inc.**

P.O. Box 1527  
Waterloo, IA 50704  
(319) 296-3620  
Norman Cohn, President  
Total Employees: 50  
Services: SysSW Tky  
Private

**Asist Corp (The)**

401 S. Woodward Avenue  
Suite 350  
Birmingham, MI 48011-1621  
(313) 644-2000  
Dennis McDermott, President  
Services: Pfs ApplSW  
Private

**ASK Computer Systems, Inc.**

2440 W. El Camino Real  
Los Altos, CA 94039-7640  
(415) 969-4442  
Ron Braniff, President  
Total Employees: 670  
Services: Pfs Proc Tky  
Public

**Aspen Systems Corporation**

Please see Walters Samson Group

**Association of American Railroads**

**Subsidiaries/Divisions:**

**Railinc Corporation**

1920 L Street N.W.  
Washington, DC 20006  
(202) 835-9400  
Henry W. Meettez, President  
Total Revenue, FYE 12/86: (Est) \$ 1.1 m  
Services: Proc

**Association of Computer Retailers**

3701 McKinley Road, Suite 2  
Chelsea, MI 48118  
(313) 475-1378  
Private

**Assoc. of Media-based Continuing Educ.  
for Engineers - AMCEE**

500 Tech Parkway  
Atlanta, GA 30313  
(404) 894-3362  
Linda DeGrand, Executive Director  
Services: Pfs  
Private

**ASTCO**

926 Amarillo  
Palo Alto, CA 94303  
(415) 856-0786  
A. Stephen Tepper, Director  
Services: Pfs ApplSW  
Private

**Astradyne Computer Industries Inc.**

1122 Franklin Avenue  
Garden City, NY 11530  
(516) 742-9500  
Donald D. Rienzo, Sr., President  
Total Revenue, FYE 12/87: \$ 7.0 m  
Public

**ATAC**

1200 Villa Street  
Mountain View, CA 94041  
(415) 965-8801  
Al Bien, President  
Total Employees: 105  
Services: Pfs  
Private

**ATA Services, Inc.**

Please see American Trucking Association

**ATE Associates, Inc.**

5707 Corsa Avenue  
Westlake Village, CA 91362  
(818) 991-4001  
Sy Barasch, President  
Total Revenue, FYE 11/86: (Est) \$ 3.5 m  
Total Employees: 51  
Services: Pfs  
Private

**Atech**

734 Westpark Plaza  
St. Louis, MO 63146  
(314) 576-2884  
Fred Huska, President  
Private

**Atek Computer Distributors**

9604 Oates Drive  
Sacramento, CA 95827  
(916) 362-0274  
Services: Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**ATEK Information Services**

Please see AmeriTrust Corporation

**Atherton Technology**

1333 Bordeaux Drive  
Sunnyvale, CA 94089  
(408) 734-9822

Ram Banin

Total Revenue, FYE 12/88: (Est) \$ 3.0 m

Total Employees: 60

Services: SysSW

Private

**ATI**

12638 Beatrice Street  
Los Angeles, CA 90066  
(213) 823-1129

Joel Rakow, CEO

Total Employees: 30

Services: ApplSW

Private

**A.T. Kearney**

222 S. Riverside Plaza  
Chicago, IL 60606  
(312) 648-0111

Fred Steingraber, President

Services: Pfs

Private

**Atlanta Data Processing Service**

2262 Northwest Parkway SE, Suite E  
Marietta, GA 30067  
(404) 980-1586

Services: ApplSW

Private

**Atlantic Computing Corporation**

1447 Peachtree Street, N.E.  
Atlanta, GA 30309  
(404) 892-1895

Fay McCoy, VP Operations

Services: Proc

Public

**Atlantic Data Services, Inc.**

One Battery March Park  
Quincy, MA 02170  
(617) 770-3333

Robert Howe, President

Total Employees: 70

Services: Pfs

Private

**Atlantic Research Corporation**

Public

Subsidiaries/Divisions:

**Systems and Applied Sciences Corporation (SASC)**

2440 Research Blvd.  
Rockville, MD 20850  
(301) 921-2700

William H. Borten, President

Total Employees: 750

Services: Pfs

**ATM Network Management Corporation**

Acquired. Please see GTE Corporation

**Attache Software**

27392 Osuna  
Mission Viejo, CA 92691  
(714) 495-3444

Private

**ATV Systems, Inc.**

1735 E. Wilshire #807  
Santa Ana, CA 92705  
(714) 542-8868

Gary Regula

Total Employees: 20

Services: SysInt

Private

**Audichron Company (The)**

3620 Clear View Parkway  
Atlanta, GA 30340  
(404) 455-4998

Charles Graham

Total Employees: 150

Services: Pfs Network

Private

**Auditech Computing Services**

Please see EKI Incorporated

**Auditek Inc.**

140 Cedon Street  
New York, NY 10006  
(212) 619-3414

Private

**Auragen Systems Corporation**

2 Executive Drive  
Fort Lee, NJ 07024  
(201) 794-7280

Rick Martin, President

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Aurelian Corporation**

P.O. Box 1319  
Orem, UT 84057-1319  
(801) 225-5532

Mark Cunningham, President  
Services: Pfs ApplSW  
Private

**Aurora Systems, Inc.**

2423 American Lane  
Madison, WI 53704  
(608) 249-5875

L. Darryl Mataya, President  
Services: Pfs ApplSW  
Private

**Austec, Inc.**

Please see Austec International Limited

**Austec International Limited**

Australia  
Public

Subsidiaries/Divisions:

**Austec, Inc.**

1740 Technology Drive, Suite 300  
San Jose, CA 95110  
(408) 279-5533

Les McNeill, Chairman  
Total Employees: 99  
Services: SysSW

**Authorization Systems Inc.**

11400 Rockville Pike, Ste 510  
Rockville, MD 20852  
(301) 770-1625

Harry Saxon, President  
Private

**Autodesk, Inc.**

2320 Marinship Way  
Sausalito, CA 94965  
(415) 332-2344

Alvar J. Green, President  
Total Employees: 414  
Services: ApplSW  
Public

**Autolog Systems**

Please see Safeguard Scientifics, Inc.

**Automated Bookkeeping Corporation**

330 W. 42nd St., 29th Floor  
New York, NY 10036  
(212) 947-7741

Sigman Banr, President  
Services: Pfs  
Private

**Automated Business Management, Inc.**

4276 Chevy Chase Drive  
La Canada Flintridge, CA 91011  
(818) 790-0964

Ivan J. Mihail, President  
Private

**Automated Business Systems and Services**

6715 Kenilworth Avenue  
Riverdale, MD 20737  
(301) 454-8200

J.T. George, President  
Total Employees: 250  
Services: Pfs SysInt Tky  
Private

**Automated Concepts, Incorporated**

386 Park Avenue South, 18th Floor  
New York, NY 10016  
(212) 725-4540

Fredrick Harris, President  
Total Employees: 410  
Services: Pfs  
Private

**Automated Data Services, Inc.**

617 Sonora Court  
Cincinnati, OH 45215  
(513) 579-0666

Jay Hiltbrand, President  
Private

**Automated Design Centers**

1149 W. 190th Street  
Gardena, CA 90248  
(213) 327-7744

John Wright, President  
Total Employees: 16  
Services: Pfs  
Private

**Automated Design Systems, Inc.**

9401 Arrowpoint Blvd.  
Suite 330  
Charlotte, NC 28217  
(704) 522-8067

J.W. Farquhar  
Total Revenue, FYE 12/88: (Est) \$ 3.3 m  
Total Employees: 26  
Services: Proc ApplSW Tky  
Private

**Automated Distribution Services**

Please see One Point

**Automated Image Management (AIM)  
Division**

Please see COMNET Corporation

**CAMS 1988**  
**Directory of Information Services Companies**

**Automated Information Inc.**

6710 Clayton  
St. Louis, MO 63117  
(314) 644-4050  
Robert Love, President  
Private

**Automated Language Processing Systems, Inc.**

295 Chipeta Way  
Box 8719  
Salt Lake City, UT 84108  
(800) 354-5656  
A. T. (Fred) Zirkle  
Total Revenue, FYE 12/87: \$ 20.0 m  
Total Employees: 400  
Services: Pfs ApplSW  
Public

**Automated Processing & Development Corp.**

3215 West Warner Avenue  
Santa Ana, CA 92704  
(714) 241-9955  
Jerry Fleming, President  
Services: Proc  
Private

**Automated Professional Systems**

270 Madison Avenue  
New York, NY 10016  
(212) 725-1880  
Private

**Automated Quill, Inc.**

6746 S. Revere Parkway  
Parkgate Office Center/Suite 100  
Englewood, CO 80112  
(303) 792-9779  
Vincent J. Lawrence, President  
Services: Pfs Proc ApplSW Tky  
Private

**Automated Resource Management Inc.**

6055 Jackson Road  
Ann Arbor, MI 48103  
(313) 994-6121  
Dave Horn, CEO  
Total Employees: 15  
Services: Pfs Proc Network  
Private

**Automated Resources Group Inc.**

120 Pleasant Ave.  
Upper Saddle River, NJ 07458  
(201) 825-8100  
Tom Ammoriello, President  
Private

**Automated Sciences Group, Inc.**

700 Roeder Road  
Silver Spring, MD 20910  
(301) 587-8750  
Conrad Hipkins, Chairman  
Private

**Automated Systems Consultants, Inc. (ASCI)**

10820 W. 64th Street, Suite 1035  
Shawnee, KS 66203  
A. Lee Holt, President  
Total Revenue, FYE 09/88: (Est) \$ 5.0 m  
Total Employees: 90  
Services: Pfs  
Private

**Automated Systems Inc.**

888 N. Sepulveda Blvd.  
El Segundo, CA 90245  
(213) 615-0204  
Robert Fleming, President  
Services: Proc ApplSW  
Private

**Automatic Business Centers, Inc.**

Glen & Krider Avenues  
P.O. Box 826  
Morristown, NJ 08057  
(609) 235-1800  
G.F. Raymond, President  
Total Employees: 400  
Services: Proc  
Private

**Automatic Computer Services, Inc.**

P.O. Box 830  
Branford, CT 06405  
(203) 481-4201  
Services: Pfs Proc Tky  
Private

**Automatic Data Processing, Inc.**

One ADP Blvd.  
Roseland, NJ 07068  
(201) 994-5000  
Josh S. Weston, President  
Total Employees: 2,100  
Services: Proc Network Tky  
Public

**Subsidiaries/Divisions:**

**ADP Banking and Thrift Division**

2091 Springdale Road  
Cherry Hill, NJ 08034  
(609) 424-0150  
Lynn Mangum, President  
Services: Proc

**CAMS 1988**  
**Directory of Information Services Companies**

**ADP Brokerage Services Division**

42 Broadway  
New York, NY 10004  
(212) 344-6010  
Erwin Zipkis, President  
Services: Proc

**ADP Collision Estimating Services, Inc.**

2380 W. Winton  
Hayward, CA 94545  
(415) 783-4344  
Goren Staglin, President

**ADP Comtrend Division**

1345 Washington Blvd.  
Stamford, CT 06902  
(203) 357-1611  
Mark Koehler, President

**ADP Dealer Services Division**

920 E. Algonquin Rd.  
Schaumburg, IL 60173  
(312) 397-1700  
David Torrence, President

**ADP Financial Information Services**

East Park Drive  
Mount Laurel, NJ 08054  
(609) 235-7300  
John Gaven, President

**ADP Manufacturing Services Division**

3025 Harbor Lane  
Minneapolis, MN 55441  
(612) 559-8263  
Glenn Marschell, President  
Total Employees: 50  
Services: ApplSW

**ADP National Accounts Division**

5680 New Northside Drive  
Atlanta, GA 30328  
(404) 955-3600  
Gary Butler, President

**ADP Network Services Division**

175 Jackson Plaza  
Ann Arbor, MI 48106  
(313) 769-6800  
Karl Wyss, President

**ADP Thrift Services Division**

11 Green Way Plaza, Suite 300  
Houston, TX 77046  
(713) 622-8911  
Lynn Mangum, President

**Automating Peripherals, Inc.**

1567 E. Summer Street  
Hartford, CT 03027  
(414) 673-6815  
Luis Garcia, President  
Private

**Automation Consultants**

610 Santa Cruz Ave.  
Menlo Park, CA 94025  
(415) 326-4031  
Alan Carl, President  
Private

**Automation Consultants, International**

18070 Lake Encino Drive  
Encino, CA 91316  
(818) 344-9270  
Alan L. Stewart, Director  
Services: Pfs Network ApplSW SysSW SysInt Tky  
Private

**Automation Counselors, Inc.**

5728 Industry Lane  
P.O. Box 3917  
Frederick, MD 21701  
(301) 663-3700  
Ross H. Benitez  
Total Employees: 15  
Services: Pfs ApplSW Tky  
Private

**Automation, Inc.**

10703 J Street  
Omaha, NE 68127  
(402) 339-9500  
Mike F. Koch, President  
Total Employees: 34  
Services: Proc Tky  
Private

**Automation Intelligence, Inc.**

1200 W. Colonial Dr.  
Orlando, FL 32804  
(305) 843-7030  
Ted Fluchrad, President  
Services: ApplSW  
Private

**Automation Management Services, Inc. (AMS)**

16535 W. Bluemound Rd., Suite 230  
Brookfield, WI 53005  
(414) 542-3500  
John Knopp, President  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Automation Technology**

873 Township Line Road  
Elkins Park, PA 19117  
(215) 885-4880

Stephen C. Setzman, President  
Total Employees: 75  
Services: ApplSW  
Private

**Automotive Computer Group**

Sherwin Williams  
1421-B Court Street  
Clearwater, FL 33516  
(813) 443-5761

Services: Tky  
Private

**AutoScript, Inc.**

11 Mountain Ave.  
Bloomfield, CT 06002  
(203) 242-2358

John Grise, President  
Services: Proc Tky  
Private

**Auto Tell Services, Inc.**

600 Clark Avenue  
King of Prussia, PA 19406  
(215) 768-0200

Guy Warner, President  
Total Revenue, FYE 09/88: (Est) \$ 20.0 m  
Is Revenue: \$ 16.0 m  
Total Employees: 165  
Private

**Auto-Trol Technology Corp.**

12500 N. Washington St.  
Denver, CO 80233  
(303) 252-4919

Howard B. Hillman, President  
Total Employees: 700  
Services: Pfs ApplSW Tky  
Public

**Autovative Computer Extensions, Inc.**

1300 Iroquois Drive, Suite 250  
Naperville, IL 60540-1684  
(312) 983-5555

Rodney B. Kohler, President  
Total Revenue, FYE 05/86: (Est) \$ 0.5 m  
Total Employees: 10  
Services: Pfs ApplSW  
Private

**Auxco**

Please see Cincinnati Bell, Inc.

**Auxton Computer Enterprises, Inc.**

Acquired. Please see AUXCO

**AVANT-GARDE Computing, Inc.**

8000 Commerce Parkway  
Mt. Laurel, NJ 08054-2227  
(609) 778-7000

Timothy Ahlstrom, President  
Total Revenue, FYE 04/86: (Est) \$ 16.3 m  
Is Revenue: \$ 14.7 m  
Total Employees: 180  
Services: Pfs  
Public

**Avar & Associates**

414 N. Winnebago Dr.  
Greenwood, MO 64034  
(816) 537-6676

Sterling Weaver, President  
Private

**Aviation Information Services, Inc.**

1726 Coc Boulevard,  
Suite 200  
Golden, CO 80401  
(303) 279-8910

Craig W. Bergin  
Total Revenue, FYE 06/88: (Est) \$ 0.5 m  
Total Employees: 6  
Services: Proc ApplSW  
Private

**Avis Information Systems (AIS)**

500 Avis Drive  
Ann Arbor, MI 48108  
(313) 761-2800

Warren Avis, President  
Private

**AVP Systems**

237 Washington Street  
Marblehead, MA 01945  
(617) 598-2716

Daniel L. Sullivan, President  
Total Employees: 8  
Services: ApplSW  
Private

**AVTC**

110 Bi-County Boulevard  
Farmingdale, NY 11735  
(516) 420-8080

Services: ApplSW  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**AW Computer Systems, Inc.**

9000 A Commerce Parkway  
Mount Laurel, NJ 08054  
(609) 234-3939

Nicholas Ambrus, President

Total Revenue, FYE 12/86: \$ 5.8 m

Is Revenue: \$ 5.5 m

Total Employees: 30

Services: Pfs Tky

Public

**Axel Johnson**

6666 Howard St.  
San Francisco, CA 94105  
(415) 777-3800

Private

**Axiom**

Public

Subsidiaries/Divisions:

**CCX Network, Inc.**

301 Industrial Boulevard  
Conway, AK 72032  
(501) 329-6836

Charles Morgan, CEO

Total Revenue, FYE 09/87: (Est) \$ 60.0 m

Total Employees: 500

Services: Pfs Proc

Public

**Axios Group**

2364 Middle Country Rd.  
Centereach, NY 11720  
(516) 588-5461

David S. Kirk, President

Services: Pfs ApplSW

Private

**Axios Products, Inc.**

1455 Veterans Highway  
Hauppauge, NY 11788-4836  
(516) 348-1900

Services: ApplSW

Private

**Axis Software, Inc.**

18 Midway Avenue  
Hulmeville, PA 19047  
(215) 949-0127

Gary Smith, President

Services: SysSW

Private

**Axxess Information Systems, Inc.**

200 Central Ave.  
Mountainside, NJ 07092  
(201) 232-7600

Frank Petillo, President

Services: Tky

Private

**Ayers-Whitmore**

55 East 52nd St., 16th Floor  
New York, NY 10055  
(212) 909-5700

Emory D. Ayers, Managing Director

Services: Pfs

Private

**Azrex, Inc.**

3 Mountain Road  
P.O. BOX 416  
Burlington, MA 01803  
(617) 272-8750

David McIlhenny, President

Total Revenue, FYE 06/86: \$ 1.3 m

Is Revenue: \$ 1.0 m

Total Employees: 25

Services: Pfs ApplSW

Private

**Aztech Corporation**

1621 Connecticut Avenue N.W.  
Washington, DC 20009  
(202) 232-5500

John Rollins, President

Services: Proc Tky

Private

**Aztech Data Processing, Inc.**

78-15 Metropolitan Ave.  
Middle Village, NY 11375  
(718) 326-9400

Leonard Minowitz, President

Total Employees: 20

Services: Pfs Proc Network ApplSW SysSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Babage International Inc.**

81 McNeil Circle  
Marlboro, MA 01752  
(617) 485-7209

John George, President  
Services: Pfs  
Private

**Babcock & Wilcox Company**

Please see McDermott International, Inc.

**Bachman Information Systems, Inc.**

Four Cambridge Center  
Cambridge, MA 02142-1401  
(617) 354-1414

Arnold A. Kraft, President  
Total Revenue, FYE 06/88: \$ 1.3 m  
Total Employees: 75  
Services: SysSW  
Private

**Backroom Systems Group**

Please see Vertical Technologies Corporation

**Baggerly & Associates**

1420 N. Claremont Blvd.  
Suite 110 B  
Claremont, CT 91711  
(714) 625-7917

Carole Baggerly, President  
Services: Pfs SysSW  
Private

**Baird Corp.**

125 Middlesex Turnpike  
Bedford, MA 01730  
(617) 276-6000

John M. Dempsey, Jr., President  
Private

**Baird Petrophysical Group**

3300 Walnut Bend  
Houston, TX 77042  
(713) 975-8088

Ralph W. Baird, President  
Total Employees: 4  
Services: Pfs Proc SysSW  
Private

**Bakco Data, Inc.**

1417 Lake Cook Rd., Suite 100  
Deerfield, IL 60015  
(312) 940-8330

Jerry D. Baker, President  
Private

**Balance Computer Corporation**

3-H Hanshua Court  
P.O. Box 7830  
Baltimore, MD 21221  
(301) 682-3880

Thomas A. Mannings, President  
Total Revenue, FYE 04/86: \$ 0.9 m  
Is Revenue: \$ 0.8 m  
Total Employees: 14  
Services: Pfs Tky  
Public

**Balcones Computer Corp.**

2625 Bell Ave.  
Austin, TX 78758  
(512) 346-1771

John A. Burns, President  
Services: ApplSW  
Private

**Bancroft Computer Systems**

P.O. Box 1533  
West Monroe, LA 71291  
(318) 397-1377

Jerry Ingram, President  
Total Employees: 2  
Services: ApplSW  
Private

**BancWare, Inc.**

1472 Turnpike Street  
Stoughton, MA 02072  
(617) 341-1895

William E. Popp, President  
Private

**BankAmerica Corporation**

Bank of America Center  
San Francisco, CA 94104  
(415) 622-3456

Public

Subsidiaries/Divisions:

**BankAmerica Systems Engineering**

55 Hawthorne Street  
Box 37002  
San Francisco, CA 94137  
(415) 622-3456

A.W. Clausen, President  
Total Employees: 2,500  
Services: Proc

**Bank of America Business Services**

2001 Clayton Road, 9th Floor  
Concord, CA 94520  
(415) 675-5485

Francis Wetzel, Senior VP  
Services: Proc

**CAMS 1988**  
**Directory of Information Services Companies**

**BankAmerica Systems Engineering**  
Please see BankAmerica Corporation

**Banking Decision Systems**  
Please see Logica Data Architects, Inc.

**Bankline, Inc.**  
Please see Security Pacific Corporation

**Bank of America Business Services**  
Please see BankAmerica Corporation

**Bank of Illinois**  
Please see Bank of Illinois

**Bank of New England**  
28 State Street, 7th Floor  
Boston, MA 02109  
(617) 742-4000  
Private

**Bank of New York**  
1500 Palisades St.  
Teaneck, NJ 07666  
(601) 833-1020  
Mr. Bacot, President  
Total Employees: 10,000  
Services: ApplSW  
Public

Subsidiaries/Divisions:

**Wall Street Data Services**  
1500 Palisade Avenue  
Teaneck, NJ 07666  
(201) 833-1020  
Tom Perna, President  
Total Revenue, FYE 12/86: \$ 38.0 m  
Is Revenue: \$ 13.3 m  
Total Employees: 310  
Services: Proc ApplSW  
Public

**Bank Operations Software**  
P.O. Box 851038  
Yukon, OK 73085  
(405) 324-1802  
Scott Smith, President  
Services: ApplSW  
Private

**Banks of Iowa**  
Public

Subsidiaries/Divisions:

**Banks of Iowa Computer Services, Inc.**  
4333 Edgewood Road, NE  
Cedar Rapids, IA 52406  
(319) 395-6600  
Brian Scott, President  
Total Revenue, FYE 12/87: (Est) \$ 15.0 m  
Total Employees: 145  
Services: Pfs Proc

**Banks of Iowa Computer Services, Inc.**  
Please see Banks of Iowa

**Bankwire**  
225 Broadway  
New York, NY 10007  
(212) 619-0440  
Robert L. Kemper, President  
Private

**Barfield Consulting, Inc.**  
1220 L Street, N.W., Suite 515  
Washington, DC 20005  
(202) 682-1616  
Geraldine Barfield, President  
Services: Pfs  
Private

**Barkett Computer Services Inc.**  
P.O. Box 522197  
Miami, FL 33152  
(305) 592-3304  
William Rafferty, President  
Private

**Barnes Consulting Services, Inc.**  
P.O. Box 1210  
Ronkonkoma, NY 11779  
(516) 467-3384  
William Barnes, President  
Total Employees: 1  
Services: Pfs  
Private

**BaronData Systems, Inc.**  
Acquired. Please see Convergent Technologies

**Barrister Information Systems Corporation**  
45 Oak Street  
Buffalo, NY 14203  
(716) 845-5010  
Henry P. Semmelhack, President  
Total Revenue, FYE 03/88: \$ 38.0 m  
Total Employees: 563  
Services: Pfs ApplSW SysSW Tky  
Public

**BASF Systems Corporation**  
19 Crosby Drive  
Bedford, MA 01730  
(617) 271-4000  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Basic American Medical, Inc.**  
4000 East Southport Rd.  
Indianapolis, IN 46237  
(317) 783-5461  
Public

**Basic Byte, Inc.**  
P.O. Box 924  
Southfield, MI 48037-0924  
(313) 540-0655  
Private

**Basic Solutions**  
505 Commercial Street  
Sedgwick, KS 67135  
(316) 772-5174  
David A. Sellens, President  
Private

**Basys Incorporated**  
1995 Broadway Avenue  
New York, NY 10023  
(212) 496-0083  
Services: Pfs  
Private

**Battelle Memorial Institute**  
505 King Avenue  
Columbus, OH 43201  
(615) 424-6424  
Ronald S. Paul, President  
Total Employees: 8,000  
Services: Pfs ApplSW SysInt Tky  
Private

**Subsidiaries/Divisions:**

**Information Dimension, Inc.**  
655 Metro Place South  
Dublin, OH 43017  
(614) 761-8083  
William Griffith, President  
Total Employees: 250  
Services: Pfs ApplSW SysSW

**Batteries Included, Inc.**  
Please see ITM Corporation

**Baudville**  
1001 Medical Park Drive S.E.  
Grand Rapids, MI 49506  
(616) 949-1161  
Private

**Baxter Healthcare Corporation**  
One Baxter Parkway  
Deerfield, IL 60015  
(312) 948-2000  
Total Employees: 1,800  
Services: Pfs Proc ApplSW Tky  
Public

**Subsidiaries/Divisions:**

**American Hospital Supply Corp. (AHS)**  
One American Plaza  
Evanston, IL 60201  
(312) 473-1400  
Michael Heschel, President

**Dynamic Control Corporation**  
195 Wekiva Springs Road, Suite 32  
Longwood, FL 32779-3603  
(305) 831-8444  
Stephen A. Dougherty, President  
Services: Pfs ApplSW

**Bay Banks, Inc.**  
175 Federal St.  
Boston, MA 02110  
(617) 482-1040  
William Crocier, President  
Public

**Subsidiaries/Divisions:**

**Bay Banks Systems, Inc.**  
880 Main St.  
Waltham, MA 02154  
(617) 899-2222  
Donald Isaacs, President  
Total Revenue, FYE 12/86: (Est) \$ 35.0 m  
Total Employees: 652  
Services: Proc ApplSW

**Bay Banks Systems, Inc.**  
Please see Bay Banks, Inc.

**BBN Communications Corporation**  
Please see Bolt, Beranek and Newman Inc.

**BBN Laboratories Incorporated**  
Please see Bolt, Beranek and Newman Inc.

**BBN Software Products Corporation**  
Please see Bolt, Beranek and Newman Inc.

**BCI, Inc.**  
Please see Bell Canada Enterprises

**CAMS 1988**  
**Directory of Information Services Companies**

**BDM International, Inc.**  
7915 Jones Beach Dr.  
McLean, VA 22102  
(703) 848-5000  
Earle C. Williams, President  
Total Employees: 3,601  
Services: Pfs SysInt  
Public

**BDR, Inc.**  
1540 Broadway  
New York, NY 10036  
(212) 719-1571  
Charles McGowan, President  
Services: Proc  
Private

**B/D Software Corporation**  
3151 Airway Ave., Suite H-1  
Costa Mesa, CA 92626  
(714) 556-9837  
Kevin Haset, President  
Services: Tky  
Private

**Bedford Software**  
102B - 3701 East Hastings Street  
Burnaby, BC B5C2H6  
CANADA  
(604) 294-2394  
Services: ApplSW  
Private

**Bell Atlantic Corporation**  
1600 Market Street  
Philadelphia, PA 19103  
(215) 963-6000  
Public

Subsidiaries/Divisions:

**Technology Concepts, Inc.**  
40 Tall Pine Drive  
Sudbury, MA 01776  
(617) 443-7311  
John Borgunn, President  
Total Employees: 80  
Services: Pfs Network

**Bell Canada Enterprises**  
Canada

Subsidiaries/Divisions:

**Alphatext, Inc.**  
10481 Young Street  
Richmond Hill L4 C3C6  
Ontario  
Canada  
(416) 884-9121  
J.W. Hunter, President  
Services: Proc

**BCI, Inc.**  
1749 Old Meadow, Suite 210  
McLean, VA 22102  
(703) 442-0515  
Ronald F. Graves, COO

**Bellesoft, Inc.**  
Name changed. Please see Popular Programs, Inc.

**Bell & Murphy Associates**  
P.O. Box 816188  
Dallas, TX 75381  
(214) 386-0252  
John W. Bell, Jr., President  
Total Revenue, FYE 12/86: (Est) \$ 0.3 m  
Total Employees: 6  
Services: Pfs Proc  
Private

**Bell South Corp.**  
675 W. Peachtree St. - N.E.  
Atlanta, GA 30375  
(404) 420-8600  
John Clendenin  
Services: ApplSW SysSW  
Public

**Bellwether Corporation**  
9900 Shelbyville Rd., Suite 6B  
Louisville, KY 40223  
(502) 426-9449  
William J. Arnold, President  
Total Revenue, FYE 12/86: \$ 1.2 m  
Total Employees: 17  
Services: Pfs  
Private

**Benefacts, Inc.**  
Please see Alexander & Alexander, Inc.

**Benefit Administration Systems, Inc.**  
16 Knight Street  
Norwalk, CT 06851  
(203) 853-6584  
Robert Schwartz, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Benetics Corporation**

335 East Middlefield Road  
Mountain View, CA 94043  
(415) 940-0300

John Krakauer, President  
Private

**Benton, Schneider & Associates**

100 Park Street  
Naperville, IL 60540  
(312) 325-9444

William Benton, President  
Services: Pfs ApplSW Tky  
Private

**Berger & Company Information  
Management Consultants**

1350 17th Street, Suite 300  
Denver, CO 80202  
(303) 571-4557

Wayne Berger, President  
Total Employees: 50  
Services: Pfs  
Private

**Berge Software**

1200 Westlake Avenue, No. 612  
Seattle, WA 98109  
(206) 284-7610

John Berge, President  
Total Employees: 4  
Services: ApplSW  
Private

**Berman Associates Inc.**

101 E. Holly Ave., Suite 14  
Sterling, VA 22170  
(703) 450-5000

Lon Bermon, President  
Total Employees: 10  
Services: Pfs ApplSW  
Private

**Berton Group Inc.**

235 E. 31st St.  
New York, NY 10016  
(212) 682-2274

Gerald Berton, President  
Private

**Berul Associates, Ltd.**

1530 E. Jefferson Street  
Rockville, MD 20852  
(301) 984-9400

Lawrence H. Berul, President  
Services: Pfs  
Private

**Best Programs**

5134 Leesburg Pike  
Alexandria, VA 22302  
(703) 931-1300

Private

**BETAC Corporation**

1401 Wilson Blvd.  
Arlington, VA 22209  
(703) 243-9200

Earl Lockwood, President  
Total Employees: 275  
Services: SysInt  
Private

**Betacom, Inc.**

85 W. Algonquin Road, Suite 190  
Arlington Heights, IL 60005  
(312) 956-1050

Donald A. Snyder, Operation Manager  
Private

**BGS Systems, Inc.**

128 Technology Center  
Waltham, MA 02254-9111  
(617) 891-0000

Harold S. Schwerk  
Total Employees: 150  
Services: Pfs SysSW  
Public

**BIBLOS, Inc.**

#2 Pennsylvania Plaza, Suite 1220  
New York, NY 10121  
(212) 244-0072

Ollie Sternberg, President  
Services: Pfs ApplSW  
Private

**BICC Systems, Inc.**

1033 West Van Buren  
Chicago, IL 60607  
(312) 666-2422

Jon R. Guenther, President  
Private

**Bidnet**

5 Choke Cherry Road  
Rockville, MD 20850  
(301) 330-7000

Private

**B.I. Moyle Associates, Inc.**

5788 Lincoln Drive  
Minneapolis, MN 55436  
(612) 933-2885

Bennett Moyle, President  
Total Employees: 8  
Services: SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Binex Corporation**

4441 Auburn Blvd.  
Sacramento, CA 95841  
(916) 483-8080

Mr. Heidig, President

Total Employees: 4

Services: Proc ApplSW

Private

**BIS Banking Systems, Inc.**

Please see Nynex

**BISS, Inc.**

10103 Fondren, Suite 390  
Houston, TX 77096  
(713) 988-1272

Mike MacBride, President

Services: ApplSW

Private

**Bitek, Inc.**

3200 East 29th St.  
Long Beach, CA 90805  
(213) 634-8950

Wolfgang Schmidt, President

Services: ApplSW Tky

Private

**B.K. Dynamics**

3204 Monroe Street Box 6012  
Rockville, MD 20850  
(301) 984-7300

Dr. John Proctor, Vice President

Services: Pfs ApplSW SysInt Tky

Private

**BKW, Inc.**

10 Corporate Drive  
Bedford, NH 03102  
(603) 472-2030

Alfred Fichera, President

Total Employees: 14

Services: ApplSW Tky

Public

**Blackhawk Data Corporation**

307 N. Michigan Avenue  
Chicago, IL 60601  
(312) 236-8473

Services: ApplSW

Private

**Blast (Communications Research Group)**

8939 Jefferson Highway  
Baton Rouge, LA 70809  
(504) 923-0888

Private

**Bloodstock Research, Inc.**

801 Corporate Dr.  
P.O. Box 4097  
Lexington, KY 40544  
(606) 278-0411

Carl Rogers, Ex. V.P.

Services: Proc

Private

**Bluebird Systems**

6352 Corte Del Abeto, Suite A  
Carlsbad, CA 92009  
(619) 438-2220

Hal Tilbury, President

Total Employees: 200

Services: ApplSW SysSW

Private

**Blue Cross & Blue Shield**

370 Basset Road  
North Haven, CT 06473  
(203) 239-4911

Public

Subsidiaries/Divisions:

**Computer Company (The)**

1905 Westmoreland St.  
Richmond, VA 23230  
(804) 254-2200

Total Employees: 1,000

Services: Proc Network

**Blyth Software**

2929 Campus Drive  
San Mateo, CA 94403  
(415) 571-0222

Michael Kenny, President

Services: ApplSW

Private

**BMC Software Inc.**

P.O. Box 2002  
Sugarland, TX 77478  
(713) 240-8800

John Moores, President

Total Employees: 150

Services: SysSW

Private

**BMDP Statistical Software, Inc.**

1440 Sepulveda Blvd.  
Suite 316  
Los Angeles, CA 90025  
(213) 479-7799

Tom Gardner, President

Total Employees: 50

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**BMS Computer, Inc.**

375 N. Wiget Lane  
Suite 210  
Walnut Creek, CA 94598  
(415) 938-2620

Larry Lynch, President  
Services: ApplSW Tky  
Private

**BM Systems**

5980 Port Anadarko Trail  
Hermitage, TN 37076  
(615) 889-0714

B. Malone, President  
Private

**Boeing Computer Service**

P.O. BOX 24346  
Seattle, WA 98124  
(206) 865-5180

Michael R. Hallman, President  
Services: Pfs Proc ApplSW  
Public

**Boffin, Inc.**

7557 Rambler Rd., Suite 1050  
Dallas, TX 75231  
(214) 890-7017

Joe Marshall, President  
Services: Pfs ApplSW Tky  
Private

**Boise Cascade Computing**

Please see Boise Cascade Corporation

**Boise Cascade Corporation**

One Jefferson Square  
Boise, ID 83728  
(208) 384-6161

Jon H. Miller, President  
Public

Subsidiaries/Divisions:

**Boise Cascade Computing**

One Jefferson Square  
Boise, ID 83728  
(208) 384-6100

Jon Miller, President  
Services: Proc

**Bolt, Beranek and Newman Inc.**

10 Fawcett St.  
Cambridge, MA 02238  
(617) 873-2000

Stephen R. Levy, President  
Total Employees: 2,800  
Services: Pfs ApplSW Tky  
Public

Subsidiaries/Divisions:

**BBN Communications Corporation**

70 Fawcett St.  
Cambridge, MA 02238  
(617) 497-2800

Terry Fagin, President  
Services: Pfs

**BBN Laboratories Incorporated**

10 Moulton St.  
Cambridge, MA 02238  
(617) 491-1850

David C. Walden, President  
Services: Pfs

**BBN Software Products Corporation**

10 Fawcett St.  
Cambridge, MA 02238  
(617) 864-1780

Ean M. Rankin, President  
Total Employees: 160  
Services: Pfs ApplSW

**Bonner & Moore Associates**

2727 Allen Parkway  
Houston, TX 77019  
(713) 522-6800

Joe F. Moore, President  
Services: Pfs Proc ApplSW  
Private

**Boole & Babbage, Inc.**

510 Oakmead Parkway  
Sunnyvale, CA 94086  
(408) 735-9550

**Bruce T. Coleman, President**

Total Employees: 350  
Services: Pfs SysSW  
Public

**Booz, Allen & Hamilton Inc.**

245 Park Avenue  
New York, NY 10017  
(212) 880-9496

**J.B. Farley, Senior Vice President**

Services: Pfs  
Private

**Borg Warner Corporation**

200 South Michigan Avenue  
Chicago, IL 60604  
(312) 322-8500

Public

Subsidiaries/Divisions:



**CAMS 1988**  
**Directory of Information Services Companies**

**Chilton Corporation**  
12606 Greenville Ave.  
Dallas, TX 75243  
(214) 699-6111

Van A. Smith, President  
Total Employees: 1,626  
Services: Network

**Borland International**  
1800 Green Hills Road  
P.O. Box 660001  
Scotts Valley, CA 95066-0001  
(408) 438-8400

Philippe Kahn, President  
Total Employees: 550  
Services: ApplSW SysSW  
Public

**Boss International**  
3435 Greystone Drive  
Suite 106  
Austin, TX 78731  
(512) 346-1771

Kay Morgan, President  
Total Employees: 13  
Services: ApplSW  
Private

**Boston Documentation Design, Inc.**  
2120 Commonwealth Ave. Str 9  
P.O. Box 284  
Auburndale, MA 02166  
(617) 965-5300  
Private

**Boston Software Works (The)**  
120 Fulton Street  
Boston, MA 02109  
(617) 367-6846  
Ross Gale, President  
Private

**Boston Systems Office, Inc.**  
128 Technology Center  
Waltham, MA 02254-9164  
(617) 894-7800  
Michael Rooney, President  
Private

**BPI Systems, Inc.**  
Acquired. Please see Computer Associates  
International, Inc.

**BP Resources**  
55 University Ave.  
Toronto  
Ontario  
CANADA  
(416) 361-0794  
Private

**Subsidiaries/Divisions:**

**Dataplotting Services Inc.**  
225 Duncan Mill Road  
Don Mills M3B 3K9  
Ontario  
Canada  
(416) 441-4163  
Willfred M. Parker, President  
Services: Pls Proc ApplSW Tky

**BPS Computer Services**  
P.O. Box 1066  
Portsmouth, OH 45662  
(614) 354-4243  
Mr. Dail Irwin, President  
Services: Pls Proc  
Private

**Bradford Business Systems, Inc.**  
25301 Cabot Rd., Suite 201  
Laguna Hills, CA 92653  
(714) 859-4428  
Russell T. Bradford, President  
Services: ApplSW  
Private

**Braegen Corporation**  
660 East Calaveras Blvd.  
Milpitas, CA 95035-5442  
(408) 945-1900  
Private

**Braid Communications**  
430 Pacific Avenue  
San Francisco, CA 94133  
(415) 398-3070  
Private

**Brandon Systems Corporation**  
1 Harmon Plaza  
Secaucus, NJ 07094  
(201) 392-0800  
Ira B. Brown, President  
Total Revenue, FYE 09/87: (Est) \$ 22.1 m  
Total Employees: 750  
Public

**Breakthrough Software Corporation**  
505 San Martin Drive  
Novato, CA 94947  
(415) 898-1919  
Andrew Layman, President  
Total Revenue, FYE 04/86: \$ 3.5 m  
Total Employees: 30  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Briareus Corporation**

1801 S. La Cienega Blvd., Suite 306  
Los Angeles, CA 90035  
(213) 204-5080

Samuel Fiengold, President  
Services: ApplSW Tky  
Private

**Bridge, Inc. (The)**

199 California Drive  
Millbrae, CA 94030  
(415) 697-2730

Larry Rebich, President  
Services: ApplSW  
Private

**Bristol Information Systems, Inc.**

84 N. Main Street  
Fall Rivers, MA 02720  
(617) 679-1051

Frederick M. Gottlieb, President  
Total Employees: 20  
Services: ApplSW  
Private

**British Petroleum Company (The) PLC**

England  
Public

Subsidiaries/Divisions:

**Scicon Corporation**

6701 Rockledge Drive  
Becheata, MD 20817  
(301) 571-1000

Total Employees: 3,500

**British Telecom**

England

Subsidiaries/Divisions:

**Dialcomm, Inc.**

1109 Spring St.  
Silver Spring, MD 20910  
(301) 588-1572

John Morris, President  
Total Employees: 250  
Services: Pfs Network ApplSW

**Britz Publishing, Inc.**

1814 Capital Towers  
Jackson, MS 39201  
(601) 354-8882

Leon F Stewart, President  
Private

**Broadway & Seymour, Inc.**

302 South Tryon St.  
Charlotte, NC 28202  
(704) 372-4281

Olin Broadway  
Total Employees: 330  
Services: Pfs ApplSW  
Private

**Brock Control Systems, Inc.**

2859 Paces Ferry Road  
Atlanta, GA 30339  
(404) 431-1200

Rodger Johnson, President  
Total Employees: 44  
Services: ApplSW  
Private

**Broderbund Software, Inc.**

17 Paul Drive  
San Rafael, CA 94903-2101  
(415) 492-3200

Doug Carlston, President  
Total Employees: 2,500  
Services: ApplSW  
Private

**Brokerage Systems, Inc.**

10 S. Riverside Plaza  
Chicago, IL 60606  
(312) 559-0250

John Munro, President  
Services: Pfs ApplSW SysInt  
Private

**Brown Bag Software**

2155 S. Bascom, Suite 114  
Campbell, CA 95008  
(408) 559-4545

Sandy Shupper, President  
Total Revenue, FYE 03/88: (Est) \$ 2.5 m  
Total Employees: 20  
Services: ApplSW  
Private

**BRS Computing Inc.**

7 Westchester Plaza  
Elmsford, NY 10523  
(914) 592-5338

Barry Schoenhaut, President  
Private

**BRS Information Technologies**

Please see TBG, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Bruce Bell and Associates**  
425 Main Street, Suite 10  
P. O. Box 191  
Canon City, CO 81212  
(303) 275-1661

Bruce Bell, President  
Total Employees: 4  
Services: Pfs Proc ApplSW  
Private

**Bruce Payne Consultants, Inc.**  
140 West End Avenue  
New York, NY 10023  
(212) 799-8255

Bruce Payne, President  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
Is Revenue: \$ 1.0 m  
Total Employees: 25  
Services: Pfs ApplSW SysSW  
Private

**Bruning CAD**  
Please see AM International, Inc.

**BSA Turnkey Corporation**  
1714 Brogan Street  
San Antonio, TX 78232  
(512) 366-3796

Burke Cabanis, President  
Total Employees: 4  
Services: ApplSW Tky  
Private

**BST Consultants, Inc.**  
6110 Gunn Highway  
P.O. Box 23425  
Tampa, FL 33623  
(813) 961-3902  
Carlos Baldor, President  
Private

**BUC International Corp.**  
1881 Northeast 26th St.  
Fort Lauderdale, FL 33305  
(305) 565-6715  
Walter J. Sullivan, President  
Private

**Budget Timeshare Inc.**  
4739 Alla Road  
Marina Del Rey, CA 90291  
(213) 821-5973  
Services: Pfs Proc ApplSW  
Private

**Bunker Ramo, An Olivetti Co.**  
Please see Olivetti

**Bureau of National Affairs, Inc.**  
1231 25th Street, NW  
Washington, DC 20037  
(202) 452-4200  
William A. Beltz, President  
Private

**Burkhalter & Company**  
520 E. Capitol  
Jackson, MS 39201  
(601) 948-6700  
Henry M. Burkhalter, Managing Partner  
Private

**Burroughs Corporation**  
Name changed. Please see Unisys

**Business Computer Design, Inc.**  
900 Jorie Boulevard  
Suite 280  
Oak Brook, IL 60521  
(312) 920-1175  
L. Serdra, President  
Services: ApplSW  
Private

**Business Computer Solutions, Inc.**  
1200 N.W. 78th Avenue  
Miami, FL 33126  
(305) 591-2274  
Dr. Ronald A. Goldstein, President  
Total Employees: 20  
Services: SysSW  
Public

**Business Computer Systems**  
221 Columbus Avenue  
Boston, MA 02116  
(617) 536-7780  
Private

**Business Controls Corporation (BCC)**  
3-7 West First Street  
Clifton, NJ 07011  
(201) 340-9893  
David J. Hirschfeld, President  
Total Revenue, FYE 03/86: (Est) \$ 0.6 m  
Total Employees: 8  
Services: ApplSW  
Private

**Business Data Services, Inc.**  
Name changed. Please see American Computer  
Technology, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Business Equipment House, Inc.**

2934 West Montrose Avenue  
Chicago, IL 60618  
(312) 478-3800

Harold R. Root, President

Total Revenue, FYE 11/88: (Est) \$ 2.5 m

Is Revenue: \$ 0.2 m

Total Employees: 25

Services: Proc ApplSW Tky

Private

**Business Information Services**

2100 W. 89th St.  
Leawood, KS 66206  
(913) 642-7373

David Ray, Chairman

Services: Proc

Private

**Business Information Services, Inc.**

2920 Independence  
Fort Wayne, IN 46808  
(219) 485-9671

Don Currie, President

Total Employees: 5

Services: ApplSW

Private

**Business Intelligence Services, Inc.**

Please see Business Intelligence Services, Ltd.

**Business Intelligence Services, Ltd.**

ENGLAND

Public

Subsidiaries/Divisions:

**Business Intelligence Services, Inc.**

900 Third Ave.  
New York, NY 10022  
(212) 688-7300

Fraser Chambers, President

Services: Pfs ApplSW

**Business Library Corporation**

P.O. Box 9363  
Walnut Creek, CA 94598  
(800) 451-1783

Bruce Schooley, President

Services: ApplSW

Private

**Business Management Systems, Inc.**

10565 Lee Highway  
Fairfax, VA 22030  
(703) 591-0911

Dennis Makurat

Services: ApplSW Tky

Private

**Business Model Systems, Inc.**

700 Ogden Ave.  
Westmont, IL 60559  
(312) 789-9160

Max Beathy, President

Total Employees: 20

Services: ApplSW

Private

**Business Operating Software, Inc.**

2607 Walnut Hill Lane  
Dallas, TX 75229  
(214) 956-7722

Ed Hayden, President

Total Employees: 22

Services: Pfs Tky

Private

**Business & Professional Software, Inc.**

143 Binney Street  
Cambridge, MA 02142  
(617) 491-3377

David Solomont, President

Services: ApplSW

Private

**Business Records Corporation**

Please see Cronus Industries, Inc.

**Business Software, Inc.**

3957 Pleasantdale Road, Suite 107  
Atlanta, GA 30340  
(404) 449-3200

Ralph Rindik, President

Private

**Business Software Technology, Inc.**

114 Turn Pike Road  
West Boulough, MA 01581  
(617) 870-1900

Nick Rini, President

Total Employees: 43

Services: SysSW

Private

**Business Systems, Inc.**

9845 Roosevelt Road  
Westchester, IL 60153  
(312) 681-6060

Clyde Scott, President

Private

**Business Systems International, Inc.**

20942 Osborne St.  
Canoga Park, CA 91304  
(818) 998-7227

Thomas L. Wedel

Total Revenue, FYE 11/87: (Est) \$ 1.5 m

Total Employees: 24

Services: Pfs ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Business Systems Resources**

303 Wyman Street  
Waltham, MA 02154  
(617) 890-2105  
Ivan Burns, President  
Services: ApplSW  
Private

**Butler Computer Graphics**

Please see North American Ventures, Inc.

**Butler & Curless Associates, Inc.**

7610 Falls of Neuse Road, #270  
Raleigh, NC 27615  
(800) 327-8255  
Don Curless, President  
Services: ApplSW  
Private

**Buypass**

6666 Towers Ferry Road  
Atlanta, GA  
(404) 953-2664  
John Festa, President  
Services: Proc  
Private

**Byad, Inc.**

85 W. Algonquin Road  
Arlington Heights, IL 60005  
(312) 228-3400  
Jeffrey Fisher, President  
Total Revenue, FYE 06/86: (Est) \$ 2.0 m  
Total Employees: 20  
Private

**Bytel Corporation**

1029 Solano Avenue  
Berkeley, CA 94706  
(415) 527-1157  
Dan Pines, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**C3, Inc.**

460 Herndon Parkway  
Herndon, VA 22070  
(703) 471-6000

Richard C. Litsinger, President  
Total Employees: 600  
Services: SysInt  
Public

**Cable Applications, Inc.**

200 Garden City Plaza  
Garden City, NY 11530  
(516) 877-1700

A.C. DeTorres, President  
Public

**Cable Data**

Sacramento, CA 95873  
(916) 636-4500

Gerald S. Knapp, President  
Total Employees: 1,030  
Services: Tky  
Private

**Cable & Wireless, Ltd.**

England

Subsidiaries/Divisions:

**C & W Incotel, Inc.**

Five Pen Plaza  
New York, NY 10001  
(212) 594-8340

Ned Haul, President  
Total Revenue, FYE 12/86: (Est) \$ 3.0 m  
Is Revenue: \$ 0.8 m  
Total Employees: 50  
Services: Pfs

**Cache Data Product Distributors**

8230 Forsyth, Suite 201  
St. Louis, MO 63105  
(314) 721-3168

Private

**CACI, Inc.**

1700 North Moore Street  
Arlington, VA 22209  
(703) 841-7800

J.P. London, President  
Total Employees: 2,500  
Services: Pfs  
Public

**Cactus Software, Inc.**

P.O. Box 880  
Peoria, AZ 85345  
(602) 242-7953

Private

**Cad-Cam On-Line**

20447 Nordhoft Street  
Chatsworth, CA 91311  
(818) 882-9713

Warren Bohlman, President  
Total Employees: 28  
Services: Pfs ApplSW SysInt Tky  
Private

**C.A.D. Design Systems, Inc. (CDSI)**

1305 Remington Road, Suite D  
Schaumburg, IL 60173  
(312) 882-0114

Marmon Pine, President  
Total Employees: 18  
Services: Pfs ApplSW SysInt Tky  
Private

**Cadence Design Systems, Inc.**

555 River Oaks Parkway  
San Jose, CA 95134  
(408) 943-1234

Joe Costello, President and CEO  
Total Revenue, FYE 12/87: (Est) \$ 40.4 m  
Total Employees: 359  
Services: SysSW  
Public

**CADLINC, Inc.**

Name changed. Please see CIMLINC, INC.

**Cadnetix Corporation**

5757 Flatiron Parkway  
Boulder, CO 80301  
(303) 444-8075

Bruce Holland, President  
Total Revenue, FYE 06/88: (Est) \$ 53.9 m  
Total Employees: 550  
Public

Subsidiaries/Divisions:

**HBB Systems, Inc.**

1000 Wyckoff Avenue  
Mahwah, NJ 07430  
(201) 848-8000

Total Employees: 130  
Services: ApplSW

**Cadre Technologies, Inc.**

222 Richmond Street  
Providence, RI 02903  
(401) 351-5950

David Banks, President  
Total Revenue, FYE 12/87: (Est) \$ 7.0 m  
Total Employees: 100  
Services: SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Caelus Associates, Inc.**  
800 Fidelity Building  
Spokane, WA 99201  
(509) 455-8566

John Frieberg, President  
Total Employees: 54  
Services: Tky  
Private

**Caetec Software, Inc.**  
1 Dunwoody Park, Suite 130  
Atlanta, GA 30338  
(404) 395-7844

Cal McGraw, Chairman & CEO  
Services: Pfs ApplSW Tky  
Private

**Caldwell Systems, Inc.**  
1640 Powers Ferry Road  
Building 15  
Marietta, GA 30067  
(404) 955-1528  
Private

**California Interactive Computing, Inc.**  
12517 Chandler Blvd.  
North Hollywood, CA 91607  
(213) 557-2424

Jeff Buckley, President  
Total Revenue, FYE 06/86: \$ 8.0 m  
Total Employees: 60  
Services: Pfs Proc ApplSW Tky  
Private

**California Software Products, Inc.**  
525 N. Cabrillo Park Drive  
Santa Ana, CA 92701  
(714) 973-0440

Peter Warkenton, President  
IS Revenue (US only), FYE 1/87: \$5.6 m  
Total Employees: 93  
Services: ApplSW SysSW  
Private

**Calma Company**  
Acquired. Please see Prime Computer, Inc.

**CAL MICRO**  
423 Salmar  
Campbell, CA 95008  
(408) 985-2900  
Private

**Calspan Corp.**  
Please see Arvin Industries, Inc.

**Calvin P. Allyn & Associates**  
50 Congress St.  
Boston, MA 02109  
(617) 723-7340

Calvin P. Allyn, President  
Total Revenue, FYE 12/86: \$ 0.6 m  
IS Revenue: \$ 0.1 m  
Total Employees: 10  
Services: Pfs Proc ApplSW  
Private

**Calyx Corporation**  
Please see Flagship Group (The), Inc.

**Camax Systems, Inc.**  
7225 Ohms Lane  
Minneapolis, MN 55435  
(612) 831-0604  
David Arnoldy, President  
Services: Tky  
Private

**Cambar Business Systems, Inc.**  
P.O. Box 10266  
Charleston, SC 29411  
(803) 747-4539  
Roger K. Davis, President  
Total Employees: 40  
Services: ApplSW  
Private

**Cambell Services, Inc.**  
21700 Northwestern Highway  
Suite 1070  
Southfield, MI 48075  
(313) 559-5955  
Services: ApplSW  
Private

**Cambridge Careers Products, Inc.**  
One Players Club Drive  
Charleston, WV 25311  
(304) 344-8550  
Dr. Ty Gardner, President  
Total Employees: 21  
Services: ApplSW  
Private

**Cambridge Computer Associates, Inc.**  
222 Alewife Brook Parkway  
Cambridge, MA 02138  
(617) 868-1111  
Victor Oppenheimer, President  
Services: Pfs  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Camex**

75 Kneeland  
Boston, MA 02111  
(617) 426-3577

Tom Hagan, President

Total Revenue, FYE 06/86: (Est) \$ 20.0 m

IS Revenue : \$ 16.0 m

Total Employees: 140

Services: Proc

Private

**Campbell Services, Inc.**

21700 Northwestern Highway  
Suite 1070  
Southfield, MI 48075  
(313) 559-5955

Donald Campbell, President

Total Employees: 14

Services: Pfs ApplSW

Private

**Campus America**

900 Hill Avenue #205  
Knoxville, TN 37915  
(615) 523-9506

Larry Howell, President

Total Employees: 52

Services: ApplSW Tky

Private

**Canaan Computer Corporation**

39 Lindeman Drive  
Trumbull, CT 06611  
(203) 372-8100

Robert H. Bernard, President

Services: Proc

Private

**Canada Systems Group Limited**

393 University Avenue  
Toronto L5K 1B1  
Ontario  
Canada  
(416) 979-3900

John F. Ricketts, President

Total Revenue, FYE 12/86: \$ 152.3 m

Total Employees: 1,400

Private

**Candle Corporation**

1999 Bundy Drive  
Los Angeles, CA 90025  
(213) 207-1400

Aubrey Chernick, President

Services: Pfs SysSW

Public

**Cape Data, Inc.**

1050 Bible Way  
Reno, NV 89502  
(702) 323-3100

Peter Summers, President

Services: Pfs

Private

**CAP Gemini America**

Please see CAP Gemini Sogeti

**CAP Gemini Software Products, Inc.**

Please see CAP Gemini Sogeti

**CAP Gemini Sogeti**

France

Public

Subsidiaries/Divisions:

**CAP Gemini America**

1133 Avenue of the Americas  
12th Floor  
New York, NY 10036  
(212) 221-7270

Robert J. Sywolski

Total Employees: 2,212

Services: Pfs SysInt

**CAP Information Systems, Inc.**

521 5th Ave. - 34th Floor  
New York, NY 10175  
(212) 599-7000

Ray Kiszka, President

Total Employees: 70

Services: Pfs

Private

**CAP Gemini Software Products, Inc.**

2350 Valley View, Suite 420  
Dallas, TX 75234  
(214) 247-5454

Bryan Austin, President

Services: ApplSW

Private

**Capital Bancorp**

1666 Kennedy Causeway  
Miami, FL 33141  
(305) 861-4981

Private

Subsidiaries/Divisions:

**Key Entry, Inc.**

1 Bullfinch Place  
Boston, MA 02114  
(617) 723-5300

Services: Pfs Proc

Public



**CAMS 1988**  
**Directory of Information Services Companies**

**Capital Systems Group, Inc.**

1803 Research Blvd.  
Suite # 600  
Rockville, MD 20850  
(301) 262-1200

Raj Shah, Chairman  
Services: Pfs ApplSW Tky  
Private

**CAPSCO PALLM Systems**

Please see Swiss Reinsurance Company

**CAPSCO Software International**

Merged with CAPSCO PALLM Systems

**Captron, Inc.**

Box 2  
Newtown, PA 18940  
(215) 968-6789

Dennis Dunn  
Services: Pfs Proc ApplSW Tky  
Private

**CARA Corporation**

611 E. Butterfield Road  
Lombard, IL 60148  
(312) 968-8100

Anthony Durkin, President  
Services: Pfs  
Private

**Cardinal Data Systems, Inc.**

580 Sylvan Avenue  
Englewood Cliffs, NJ 07632  
(201) 567-1821

Larry Pack, President  
Services: Pfs SysInt Tky  
Private

**Care Computer Systems**

636 120th Avenue, N.E.  
Bellevue, WA 98005  
(206)-451-8272

James L. Ingalls, President  
Services: Proc ApplSW Tky  
Private

**Care Information Systems, Inc.**

3009 S. Sixth St.  
Springfield, IL 62703  
(217) 522-2273

John Struckhoff, President  
Services: Pfs ApplSW Tky  
Public

**Carleton Corporation**

P.O. Box 435  
Burlington, MA 01803  
(617) 272-4310

Mike Dexter-Smith, President  
Total Employees: 25  
Services: SysSW  
Private

**Carlson Marketing Group**

Private

Subsidiaries/Divisions:

**Maple Plain Company**

12755 State Highway 55  
Minneapolis, MN 55359  
(612) 479-4100

**Carnegie Group, Inc.**

5 TPG Place  
Pittsburgh, PA 16222  
(412) 642-6900

Dennis Yablonsky, President  
Total Employees: 150  
Services: Pfs SysSW  
Private

**CARS Information Systems Corporation**

4000 Executive Park Drive  
Cincinnati, OH 45241  
(513) 563-4542

John Pierce, President  
Total Revenue, FYE 06/87: (Est) \$ 2.5 m  
Total Employees: 30  
Services: ApplSW  
Private

**Cascade Graphics Systems**

Please see Kinetics Technology International

**Case Technology, Inc.**

633 Menlo  
Menlo Park, CA 94025  
(415) 322-4057

Kevin Kerns, President  
Total Revenue, FYE 12/86: \$ 5.6 m  
Total Employees: 38  
Services: Pfs ApplSW  
Private

**Casher Associates, Inc.**

1371 Beacon Street  
Brookline, MA 02146  
(617) 232-9111

Services: Pfs ApplSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**CASI**

552 N.W. 77th Street  
Boca Raton, FL 33431  
(305) 997-9660

John Witherow, President  
Services: ApplSW  
Private

**Casnet Group, Inc.**

Please see Citizens Savings Bank of Canton

**Cass Commercial Corporation**

Public

Subsidiaries/Divisions:

**Cass Information Systems, Inc.**

1015 Locust Street  
St. Louis, MO 63101  
(314) 621-4121

Lawrence Collett, President  
Total Revenue, FYE 12/86: \$ 13.0 m  
Total Employees: 160  
Services: Pfs Proc

**Cass Information Systems, Inc.**

Please see Cass Commercial Corporation

**Catalyst, U.S.A., Inc.**

1971 Washington Street  
Grafton, WI 53024  
(414) 377-9400

Gene DeGayner, President  
Total Employees: 35  
Services: Tky  
Private

**Catalytix Corporation**

55 Wheller Street  
Cambridge, MA 02138  
(617) 497-2160

Donald French, President  
Services: Pfs  
Private

**Catronix Corporation**

120 Ralph McGill Blvd., Suite 800  
Atlanta, GA 30308  
(404) 872-2300

Dr. Charles Pearson, Chairman  
Total Revenue, FYE 03/86: (Est) \$ 0.3 m  
Total Employees: 11  
Services: Pfs ApplSW Tky  
Private

**CCA Uniworks, Inc.**

20 William St.  
Wellesley, MA 02181  
(617) 235-2600

John Paul, President  
Services: ApplSW  
Private

**CCG Systems, Inc.**

600 Court Street  
Portsmouth, VA 23704  
(804) 393-4383

Jim Nelson, President  
Services: ApplSW  
Private

**CCH Computax, Inc.**

Please see Commerce Clearing House, Inc.

**CCX Network, Inc.**

Please see Axiom

**CDEX Corp.**

1885 Lundy Ave.  
San Jose, CA 95131  
(408) 263-0430

Bruce Frisch, President  
Services: ApplSW  
Private

**CDI Systems, Inc.**

2803 Butterfield  
Oak Brook, IL 60521  
(312) 574-5900

Services: ApplSW  
Private

**CD Systems, Inc.**

14614 Grover Street  
Omaha, NE 68144  
(402) 330-2310

Robert Crandell, President  
Services: ApplSW SysInt Tky  
Private

**Celestial Software, Inc.**

Please see Robert L. Cloud Associates, Inc.

**Celina Financial Corporation**

Private

Subsidiaries/Divisions:

**Midwest Data Systems, Inc.**

One Insurance Square  
P.O. Box 108  
Celina, OH 45822  
(419) 586-5181

Martin A. Herf, President  
Services: Pfs Proc ApplSW Tky

**CAMS 1988**  
**Directory of Information Services Companies**

**Cellular Pay Phone, Inc.**  
Please see Dyna, Inc.

**Centec Corporation**  
11260 Roger Bacon Drive  
Reston, VA 22090  
(703) 471-6300  
Paul Minor, President  
Services: ApplSW Tky  
Private

**Centec Telecommunications, Inc.**  
185 Berry Street  
Suite 2800, Bldg. 4  
San Francisco, CA 94107  
(415) 777-0477  
Peter A. Howley, President  
Total Revenue, FYE 12/88: (Est) \$ 6.0 m  
Total Employees: 60  
Services: Pfs  
Public

**Centel Business Information Systems, Inc.**  
Please see Centel Corporation

**Centel Corporation**  
O'Hare Plaza  
8725 Higgins Road  
Chicago, IL 60631  
(312) 399-2500  
Private

Subsidiaries/Divisions:

**Centel Business Information Systems, Inc.**  
6000 Executive Blvd.  
Rockville, MD 20852  
(301) 984-3636  
Carl English  
Total Employees: 370  
Services: SysInt  
Public

**Center for Computer Systems, Inc. (The)**  
6965 University Blvd.  
Winter Park, FL 32792  
(305) 629-1023  
Richard P. Conniff, President  
Services: Tky  
Private

**Central Data Processing, Inc.**  
8007 Cryden Way  
Forestville, MD 20747  
(301) 568-4900  
Services: Proc  
Private

**Central Point Software**  
Suite 100  
Portland, OR 97219  
(503) 244-5782  
Michael D. Brown  
Total Employees: 50  
Services: SysSW  
Private

**Central Point Software, Incorporated**  
15220 N.W. Greenbrier Pkwy  
Suite 200  
Beaverton, OR 97006  
(503) 690-8090  
Private

**Century Analysis, Inc.**  
114 Center Ave.  
Pacheco, CA 94553  
(415) 680-7800  
Sarah LaFrance, President  
Total Revenue, FYE 12/86: (Est) \$ 5.0 m  
Total Employees: 42  
Services: ApplSW Tky  
Private

**Cerner Corporation**  
2800 Rockcreek Parkway  
N. Kansas City, MO 64117  
(816) 221-1024  
Neal L. Patterson  
Total Employees: 240  
Services: ApplSW Tky  
Public

**Cerritos Computer Services**  
4320 Atlantic Avenue, Suite 1  
Long Beach, CA 90807  
(213) 424-6403  
Joseph P. Cagan, President  
Private

**Certified Collateral Corporation**  
640 N. Lasalle Street  
Suite #640  
Chicago, IL 60610  
Howard A. Tullman, President  
Total Revenue, FYE 12/86: \$ 13.8 m  
Total Employees: 200  
Services: Proc  
Public

**CFS, Inc.**  
1600 VFW Parkway  
West Roxbury, MA 02132  
(617) 566-0222  
Richard K. Goran, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**CGA Computer, Inc.**

Acquired. Please see CAP and Computer Associates

**CGI Information Systems**

67 Richmond Street West  
Suite 407  
Toronto M5H 1Z5  
Canada  
(416) 364-3525  
Private

**CGS Computer Associates, Inc.**

485 E. U.S. Route 1, South  
Iselin, NJ 08830  
(201) 750-4141

Augustus Guida, President

Services: Pfs

Private

**CGX Corporation**

43 Nagog Park  
Acton, MA 01720  
(617) 263-3222

Kenneth Leavitt, President & CEO

Private

**Chain Store Systems, Ltd.**

Name changed. Please see Worldwide Chain Store  
Systems, Ltd.

**Champion Business Systems, Inc.**

17301 W. Colfax Ave.  
Golden, CO 80401  
(303) 278-8666

Scott Robertson, President

Total Employees: 34

Services: ApplSW

Private

**Champion Service Corporation**

Please see Citizens Financial Corporation

**Champion Software**

66 S. Van Gordon Street, Suite 155  
Lakewood, CO 80228  
(303) 987-2588

Private

**Channelmark Corporation**

2929 Campus Drive  
Suite 400  
San Mateo, CA 94403  
(415) 345-5900

Ed Laving, President

Private

**Charles Mann & Associates**

55722 Santa Fe Trail  
Yucca Valley, CA 92284  
(619) 365-9718

Charles Mann, President

Services: Pfs ApplSW Tky

Private

**Charles River Data Systems, Inc.**

983 Concord Street  
Framingham, MA 01701  
(617) 626-1000

Richard Shapiro, President

Private

**Charter Information Corporation**

2421 Rutlan Drive  
Austin, TX 78758  
(512) 835-1111

Services: Proc Tky

Private

**Charter Medical Corporation**

577 Mulberry Street  
P.O. Box 209  
Macon, GA 31298  
(912) 742-1161

William A. Fickling, Jr., President

Public

Subsidiaries/Divisions:

**Medical Data Services, Inc.**

901 Moorefield Park Drive  
Richmond, VA 23236  
(804) 272-2828

William Fickling, Jr., CEO

Services: Proc

**Chase Manhattan Corporation**

1 Chase Manhattan Plaza  
New York, NY 10081  
(212) 552-2222

Public

Subsidiaries/Divisions:

**Chase Trans-Info**

560 Mission Street  
San Francisco, CA 94105  
(415) 495-8877

Harold Friedman, President

Total Employees: 60

Services: Proc

**Chase Medical**

623 Park Meadow Road #M  
Westerville, OH 43081  
(614) 899-0400

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Chase Systems**

5518 Moccasin Dr.  
Westerville, OH 43081  
(614) 899-0400

Matthew Chase, President

Total Employees: 8

Services: ApplSW

Private

**Chase Trans-Info**

Please see Chase Manhattan Corporation

**Chemical Abstracts Services (CAS)**

Please see American Chemical Society

**ChemShare Corporation (The)**

P.O. Box 1885  
Houston, TX 77251  
(713) 627-8945

Dr. Michael L. McGuire, President

Services: ApplSW

Private

**Cherry, Bekaert & Holland**

P.O. Box 2084  
Gastonia, NC 28052  
(704) 865-2396

Eric Presley, President

Private

**Chicago-Soft, Ltd.**

738 N. LaSalle, Suite 2  
Chicago, IL 60610  
(312) 525-6400

Peter McLaughlin, President

Total Employees: 12

Services: SysSW

Private

**Chicago Title Insurance**

3280 East Foothill Blvd.  
Pasadena, CA 91107  
(818) 781-3650

Warren J. Eljenholm

Services: Proc

Private

**CHI/COR Information Management, Inc.**

10 South Riverside Plaza  
Chicago, IL 60606  
(312) 454-9670

K. F. Effgen

Private

**CHI Corporation**

21111 Chargin Blvd.  
Cleveland, OH 44122  
(216) 229-6400

Private

**CHI/Culler-Harrison Systems, Inc.**

100 Burns Place  
Goleta, CA 93117  
(805) 683-5631

Private

**Chilton Corporation**

Please see Borg Warner Corporation

**Christensen Computer Company, Inc.**

1955 Shermer Road, Suite 100  
Northbrook, IL 60062  
(312) 480-0881

Alan D. Christensen, CEO

Total Revenue, FYE 01/86: (Est) \$ 1.0 m

Total Employees: 8

Services: Pfs ApplSW Tky

Private

**Chrysler Motors Corporation**

12000 Chrysler Drive  
Highland Park, MI 48023  
(313) 956-5741

G. Greenwald, President

Public

**Chuck Atkinson Programs**

3737 Ramona Drive  
Fort Worth, TX 76116  
(817) 560-7007

Chuck Atkinson, President

Total Revenue, FYE 12/87: (Est) \$ 0.5 m

Total Employees: 4

Services: Pfs ApplSW

Private

**Cibar, Inc.**

2864 S. Circle Drive  
Suite 200  
Colorado Springs, CO 80607  
(303) 579-9000

Loren Shannon, President

Total Revenue, FYE 12/86: \$ 3.0 m

Total Employees: 60

Services: Pfs ApplSW

Private

**Cigna Corporation**

1 Logan Square  
Philadelphia, PA 19103  
(215) 523-5000

Public

Subsidiaries/Divisions:

**Trilog, Inc.**

1700 Market Street  
Philadelphia, PA 19103  
(215) 564-3404

Edward Jasvwoich

Services: Proc ApplSW

**CAMS 1988**  
**Directory of Information Services Companies**

**Cimarron**

Please see Stardun, Inc.

**Cimlinc, Inc.**

700 Nicholas Blvd.  
Elk Grove Village, IL 60007  
(312) 228-7300

John H. West, President

Total Employees: 230

Services: ApplSW Tky

Private

**Cincinnati Bell, Inc.**

Public

Subsidiaries/Divisions:

**Auxco**

851 Trafalgar Court  
Maitland, FL 32779  
(407) 660-8400

Richard Licursi

Services: Pfs Proc ApplSW

**Auxton Computer Enterprises, Inc.**

851 Trafalgar Ct., Suite 300 W.  
Maitland, FL 32751  
(305) 660-8400

Cheryl K. Galloway, President

**Communications Management Systems, Inc.**

1500 Planning Research Drive  
McClean, VA 22102-5095  
(703) 556-2300

Services: Proc ApplSW

**Creative Management Systems, Inc.**

1500 Planning Research Drive  
McClean, VA 22102-5095  
(703) 556-2300

William G. Carter, Jr., President

Services: Proc ApplSW

**Vanguard Technologies International, Inc.**

One Flint Hill  
10530 Rosehaven Street  
Fairfax, VA 22003  
(703) 273-0500

Dean W. Crawford, Chairman

Total Revenue, FYE 01/88: \$ 55.6 m

Total Employees: 1,534

Services: Pfs

**Cincinnati Bell Information Systems, Inc.**

Please see Cincinnati Bell, Inc.

**Cincom Systems, Inc.**

2300 Montana Avenue  
Cincinnati, OH 45211  
(513) 662-2300

Thomas M. Nies, President

Total Employees: 1,495

Services: ApplSW SysSW

Private

**Cipherlink Corporation**

3232 Nebraska Ave.  
Santa Monica, CA 90404  
(213) 387-5371

Eric Lesim, President

Services: ApplSW

Private

**Circle Computer Services**

920 Remington Road  
Schaumburg, IL 60195  
(312) 884-2424

Joseph Conroy, President

Private

**Citicorp**

399 Park Avenue  
New York, NY 10043  
(212) 559-1000

John S. Reed, Chairman

Public

Subsidiaries/Divisions:

**Citicorp Information Resources**

4 Stamford Forum  
12th Floor  
Stamford, CT 06901  
(203) 358-9390

Pablo Gonzalez, President

Total Employees: 30

Services: Pfs Proc Tky

**Quadstar Corporation**

5220 Spring Valley Road  
Dallas, TX 75240  
(214) 980-9601

Jack Scott, President

Total Revenue, FYE 10/86: (Est) \$ 6.0 m

Total Employees: 88

Services: ApplSW

**Quotron Systems, Inc.**

5454 Beethoven St.  
Los Angeles, CA 90066  
(213) 827-4600

J. David Hahn

Services: Pfs Network

**Citicorp Information Resources**

Please see Citicorp

**CAMS 1988**  
**Directory of Information Services Companies**

**Citizens Financial Corporation**  
Acquired. Please see Flserv, Inc.

**Citizens Savings Bank of Canton**  
Public

Subsidiaries/Divisions:

**Casnet Group, Inc.**  
100 Central Plaza South  
Canton, OH 44702  
(216) 489-3738  
Richard Gilbert, President  
Total Employees: 85  
Services: Proc ApplSW

**City National Bank**  
Private

Subsidiaries/Divisions:

**City National Information Systems**  
400 N. Roxbury Drive  
Beverly Hills, CA 90210  
(213) 550-5513  
Donald L. Wyre, Senior Vice President  
Services: Proc

**City National Information Systems**  
Please see City National Bank

**Claris**  
Please see Apple Computer

**Clarity Software Corporation**  
13276 Research Blvd.  
Suite 206  
Austin, TX 78750  
(512) 331-5356

James Deline, President  
Services: ApplSW  
Private

**Clark O'Neill/Fischer Stevens, Inc.**  
100 Campus Road  
Totowa, NJ 07512  
(201) 790-0700  
Serge Okun, President  
Services: Proc  
Public

**CLAR-TEC Financial Systems, Inc.**  
1690 Raymond Diehl Rd.  
Tallahassee, FL 32308  
(904) 385-8370  
Thomas W. Clark, President  
Services: ApplSW  
Private

**Classic Image, Inc.**  
510 Rhode Island Avenue  
Cherry Hill, NJ 08002  
(609) 667-2526  
Services: ApplSW  
Private

**Cleveland Consulting Associates**  
Please see Saatchi & Saatchi, Ltd.

**Cliff Data Systems**  
299 Broadway, Suite 1520  
New York, NY 10021  
(212) 619-5107  
Paul H. Cohen, President  
Services: Pfs ApplSW Tky  
Private

**CLSI, Inc.**  
Please see TBG, Inc.

**C & L Systems**  
886 Belmont Avenue  
North Haledon, NJ 07088  
(201) 427-9292  
Bob Combs, President  
Total Employees: 7  
Services: SysInt Tky  
Private

**C.M. Computers, Inc.**  
15220 32nd Avenue, Suite B  
Seattle, WA 98188  
(206) 241-1199  
George W. Masterson, President  
Total Employees: 15  
Services: Pfs Tky  
Private

**CMD Systems International, Inc.**  
8601 Dunwoody Place  
Atlanta, GA 30338  
(404) 587-0934

Ken Rarken, President  
Services: Pfs Proc ApplSW SysSW Tky  
Private

**CMP Publications, Inc.**  
111 East Shore Road  
Manhasset, NY 11030  
(516) 365-4600  
Private

**CMS Management Consultants**  
6121 Lake Side Dr.  
Suite 110  
Reno, NV 89511  
(702) 825-0712  
G. Douglas Ball, President  
Services: Pfs Proc  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**CMV Software Specialists, Inc.**

Box 176  
Hartford, SD 57033  
(605) 338-6645

Jay Mitchell, President

Total Employees: 5

Services: Tky

Private

**Coastal Information Systems, Inc.**

15643 Sherman Way, Suite 110  
Van Nuys, CA 91406-4195  
(818) 787-8222

Services: Pfs ApplSW Tky

Private

**Cobrasoft, Inc.**

13543 Hawthorne  
Suite 203  
Hawthorne, CA 90250  
(213) 644-1135

S.O. Rhynalds, President

Services: Pfs

Private

**Code Writer**

5605 W. Howard  
Niles, IL 60648  
(312) 647-1270

Warren Shore, President

Services: ApplSW

Private

**Coffman Systems, Inc.**

13140 Midway Place  
Cerritos, CA 90701  
(213) 926-6653

Private

**Cogitate, Inc.**

24000 Telegraph Road  
Southfield, MI 48034  
(313) 352-2345

James G. Harlan, President

Services: Pfs ApplSW Tky

Private

**Cogito Data Systems, Inc.**

Acquired. Please see IntelliTEK Computer Corporation

**Cognition, Inc.**

900 Tech Park Drive  
Billerica, MA 01821  
(617) 667-4800

Phil Villers, President

Private

**Cognitive Systems, Inc.**

234 Church Street  
New Haven, CT 06510  
(203) 773-0726

Steven Mott, President

Services: ApplSW

Public

**Cognos, Inc.**

3755 Riverside Dr.  
Ottawa K1P5H  
Ontario  
Canada  
(613) 738-1440

Tom C. Sathy, President

Total Employees: 900

Services: Pfs ApplSW SysSW

Public

**COIN Financial Systems**

5555 Oakbrook Parkway, Building 500  
Norcross, GA 30093  
(404) 447-6103

Mark Singleton, President

Services: Tky

Private

**Cole-Layer-Trumble Company**

Please see Day & Zimmerman

**Collier - Jackson, Inc.**

Please see CompuServe, Inc.

**Colt Industries**

Subsidiaries/Divisions:

**Engler Vehicle Management Systems**

250 Culver Avenue  
Jersey City, NJ 07305  
(201) 332-5353

Roger Marksherry, General Manager

Services: Tky

**Columbia Computing Services Inc.**

8101 E. Pretice Ave.  
Suite 700  
Englewood, CO 80111-2911  
(604) 688-8501

Dr. Robin Louis

Total Revenue, FYE 12/88: (Est) \$ 15.0 m

Total Employees: 120

Services: Pfs ApplSW

Public



**CAMS 1988**  
**Directory of Information Services Companies**

**Comarco, Inc.**  
160 Old Springs Road  
Anaheim, CA 92808  
(714) 921-0672  
Walter Sterling  
Total Employees: 1,500  
Services: Pfs SysSW  
Public

**Com-Code**  
3989 Research Park Drive  
Ann Arbor, MI 48108  
(313) 665-8111  
Services: ApplSW  
Private

**Comdata Holdings Corporation**  
2209 Crestmoor Road  
Nashville, TN 37215  
(615) 385-0400  
George L. McJavish, President  
Total Employees: 1,303  
Services: Proc  
Public

**Comdisco Disaster Recovery Services, Inc.**  
Please see Comdisco, Inc.

**Comdisco, Inc.**  
Public

**Subsidiaries/Divisions:**

**Comdisco Disaster Recovery Services, Inc.**  
6400 Shafer Court  
Rosemont, IL 60018  
(312) 698-3000  
Raymond R. Hepp, President  
Total Revenue, FYE 09/87: \$ 39.3 m  
Services: Proc

**Command Control & Communication Corp.**  
Acquired. Please see Whittaker Corp.

**Command Data Systems**  
6250 Village Pkwy.  
Dublin, CA 94568  
(415) 828-7100  
Total Employees: 90  
Services: Pfs ApplSW Tky  
Private

**Command Software Systems, Inc.**  
28990 Pacific Coast Hwy. # 208  
Malibu, CA 90265  
(213) 457-1789  
Diane Dyer, President  
Total Employees: 6  
Services: Network ApplSW  
Private

**Command Technology Corporation**  
1900 Mountain Blvd.  
Oakland, CA 94611  
(415) 339-3530  
Michael Conyers, President  
Services: ApplSW  
Private

**Com-Med Division**  
Please see COMNET Corporation

**Commerce Clearing House, Inc.**  
4025 West Patterson Ave.  
Chicago, IL 60646  
(312) 583-8500  
Richard T. Merrill, President  
Total Revenue, FYE 12/86: \$ 519.4 m  
IS Revenue: \$ 130.9 m  
Services: Proc  
Public

**Subsidiaries/Divisions:**

**CCH Computax, Inc.**  
21535 Hawthorne Blvd.  
Torrance, CA 90503  
(213) 540-3881  
Thomas G. Rolfe, President  
Total Employees: 1,192  
Services: Proc Network ApplSW Tky

**Commercial Logic, Inc.**  
P.O. Box 170  
Norwich, VT 05055  
(802) 649-1352  
Peter Coburn, President  
Total Employees: 8  
Services: SysSW  
Private

**Commercial On-Line Systems**  
360 W. 31st Street  
New York, NY 10001  
(212) 564-3730  
Zach Longstein, President  
Services: Pfs Proc  
Private

**Commercial Resources**  
400 S. Main St.  
Naperville, IL 60540  
(312) 357-1800  
Alan Schuster, President  
Services: Proc ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Commercial Resources Corporation**

400 S. Main Street  
Naperville, IL  
357-1800

Al Schuster

Total Employees: 100

Services: Proc SysInt

Private

**Commercial Software, Inc.**

370 Lexington Avenue  
New York, NY 10017  
(212) 557-0350

Anthony Abbott, President

Total Revenue, FYE 12/86: (Est) \$ 2.0 m

Total Employees: 50

Services: ApplSW

Private

**Commercial Systems Laboratories, Inc.**

459 Dean Road  
Auburn, AL 36830  
(205) 821-1133

L. Loker, President

Services: ApplSW

Private

**Commodore International**

1200 Wilson Dr.  
West Chester, PA 19380  
(215) 431-9100

Irving Gould

Services: ApplSW SysSW

Public

**Communication Sciences, Inc.**

485 Route 1, South  
Building A  
Iselin, NJ 08830  
(201) 750-0030

Herbert Lovit, Chairman of Board

Services: Pfs Proc ApplSW

Private

**Communications Management Systems, Inc.**

Please see Cincinnati Bell, Inc.

**Communications Research Group**

5615 Corporate Blvd.  
Baton Rouge, LA 70808  
(504) 923-0888

Daniel R. Henderson

Total Revenue, FYE 12/88: (Est) \$ 7.5 m

Total Employees: 41

Services: Network

Private

**Communications Software, Inc.**

2388 Pleasantdale Rd.  
Atlanta, GA 30340  
(404) 448-5259

Mickey Benamy, President

Total Revenue, FYE 12/88: \$ 0.7 m

Total Employees: 10

Services: ApplSW Tky

Private

**Communications Solutions, Inc.**

992 S. Saratogo-Sunnyvale Road  
San Jose, CA 95129  
(408) 725-1568

Skip Vaccarolo, President

Services: Pfs ApplSW

Private

**Communications Studies & Planning International**

24 E. 21st Street  
New York, NY  
(212) 505-2200

R. Michael Tyler, Chairman

Total Revenue, FYE 12/86: \$ 7.0 m

IS Revenue : \$ 4.2 m

Total Employees: 25

Services: Pfs

Private

**Communicator Assistance Systems, Inc.**

112 Foyer Road  
Beverly, MA 01915  
(617) 927-8144

Dennis Fieldman, President

Total Employees: 6

Services: ApplSW

Private

**Comnet - Aim Division**

Please see Comnet

**COMNET Corporation**

5185 Macarthur Boulevard Northwest  
Washington, DC 20016  
(202) 537-2500

Robert S. Bowen, President

Total Revenue, FYE 03/88: \$ 44.6 m

Services: Proc ApplSW

Public

Subsidiaries/Divisions:

**Automated Image Management (AIM) Division**

3907 Herndon Parkway  
Herndon, VA 22070  
(703) 478-9410

**CAMS 1988**  
**Directory of Information Services Companies**

**Com-Med Division**  
5 West 34th Street  
New York, NY 10001  
(212) 947-1321

**Computer Network Division**  
5185 McArthur Blvd., N.W.  
Washington, DC 20016  
(202) 537-2500

**Compass Computer Systems, Inc.**  
7029 S. Kamitami Trail  
Sarasota, FL 34231  
(813) 924-1020  
Peter Yates, Chairman  
Total Employees: 15  
Services: SysInt  
Private

**Compass Software, Inc.**  
335 Norwood Road  
Downington, PA 19335  
(215) 269-6412  
Phil Carta, President  
Services: Pfs ApplSW  
Private

**Compeco, Inc.**  
5120 Paddock Village Court  
Building A  
Brentwood, TN 37027  
(615) 373-3636  
Gerald Quick, President  
Private

**CompInfo, Inc.**  
1860 Broadway  
New York, NY 10023  
(212) 532-7777  
Yirgos Athanassatos, President  
Total Revenue, FYE 03/86: \$ 5.0 m  
Total Employees: 35  
Services: Pfs ApplSW Tky  
Private

**Complete Computer Systems**  
1800 Byberry Road, Suite 709  
Huntington Valley, PA 19006  
(215) 938-0190  
Paul H. Plotnick, President  
Private

**Complete Inc.**  
1800 Byberry Road  
Huntingdon Valley, PA 19006  
(215) 938-0190  
P. H. Plotnick  
Services: Pfs ApplSW SysSW Tky  
Private

**Comprehensive Software**  
2316 Artesia Boulevard  
Suite 6  
Redondo Beach, CA 90278  
(213) 318-2561  
Rick Lane, President  
Total Employees: 10  
Services: ApplSW  
Private

**COMPRO Financial Systems, Inc.**  
6025 The Corners Parkway, Suite 200  
Suite 200  
Norcross, GA 30092  
(404) 662-8754  
Williams F. Berens  
Services: ApplSW  
Private

**Compset**  
Landmark II, Suite 102  
Cherry Hill, NJ 08034  
(609) 428-9890  
Robert Maier, President  
Services: Pfs Proc ApplSW Tky  
Private

**Comptek Research, Inc.**  
110 Broadway  
Buffalo, NY 14203  
(716) 842-2700  
Jack E. Warner, President  
Total Revenue, FYE 03/88: \$ 48.2 m  
Total Employees: 719  
Services: Pfs Tky  
Public

**Compucare, Inc.**  
2051 Mercator Drive  
Reston, VA 22091  
(703) 648-9000  
V. Brewster Jones, President  
Total Employees: 400  
Services: Pfs ApplSW Tky  
Private

**Comp-U-Check, Inc.**  
16250 Northland Drive  
Southfield, MI 48075  
(313) 569-1448  
Ronald T. Hill, President  
Total Revenue, FYE 11/87: \$ 8.0 m  
Total Employees: 120  
Services: Proc  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Compucraft Data Services**

17002 S. Prairie Ave.  
Torrance, CA 90504  
(213) 542-6646

John Bennur, CEO

Services: Proc

Private

**Compucraft Systems Ltd.**

2740 Queensview Drive  
Ottawa K2B8H6  
Ontario, Canada  
(613) 726-0004

Services: Pfs

Private

**Compudyne, Inc.**

10 De Angelo Drive  
Bedford, MA 01730

Joel Searcy, President

Services: Proc ApplSW

Private

**Compufact**

Acquired. Please see Computer Sciences Corporation

**Compuflight Operations Service, Inc.**

48 Harbor Drive  
Port Washington, NY 11050

Services: Proc

Public

**Compugraphic Corporation**

Please see Agfa Gevaert, Incorporated

**Compu-Link Corp.**

4000 N. Grand River Ave.  
Lansing, MI 48906

(517) 323-4134

John LaRose, President

Total Revenue, FYE 12/86: \$ 6.2 m

Total Employees: 60

Services: Proc

Private

**CompuMed/Systemedics**

753 Boulevard  
Kenilworth, NJ 07033  
(201) 241-5563

Anthony Esposito, President

Private

**Compupower Corp.**

Please see Value Line Incorporated

**CompuServe, Inc.**

Please see H & R Block, Inc.

**Compu-Share, Inc.**

5214 68th Street  
Lubbock, TX 79424  
(806) 794-1400

Marvin Crossnoe, President

Total Employees: 40

Services: ApplSW Tky

Private

**Comp-U-Staff, Inc.**

Acquired. Please see Adia Services, Inc.

**COMPUTAB, Inc.**

702 W. Beretania Street, 3rd Floor  
P.O. Box 3886  
Honolulu, HI 96813  
(808) 521-4734

Charles M. Harting, President

Total Revenue, FYE 03/86: \$ 8.0 m

Total Employees: 180

Services: Pfs Proc

Private

**Computations, Inc.**

Please see Computations Pty., Ltd.

**Computations Pty., Ltd.**

England

Subsidiaries/Divisions:

**Computations, Inc.**

2500 Windy Ridge Parkway  
Atlanta, GA 30067  
(404) 952-7854

Bob Branston, President

Total Revenue, FYE 06/88: (Est) \$ 20.0 m

Total Employees: 700

Private

**Computech**

Please see Price Waterhouse & Co.

**Computech Systems, Inc.**

1 Pine Street  
P.O. Box F  
Hankins, NY 12741  
(914) 887-4601

Services: Pfs ApplSW

Private

**Computer Aided Manufacturing - International, Inc.  
(CAM-I)**

611 Ryan Plaza Dr., Suite 1107  
Arlington, TX 76011  
(817) 860-1654

W.A. Carter, President

Services: Pfs

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Computer Application Services, Inc.**

4772 Katella  
P.O. Box 1091  
Los Alamitos, CA 90720  
(213) 493-2411

Al Wilson, President  
Services: Pfs ApplSW  
Private

**Computer Applications, Inc.**

84 Trumbull  
New Haven, CT 06511  
(203) 562-6230

Brin Ford, President  
Services: Pfs Tky  
Private

**Computer Application Specialist**

P.O. Box 201538  
Austin, TX 78720-1538  
(512) 250-5434

E. Reynolds, President  
Services: Pfs ApplSW Tky  
Private

**Computer Applications Systems, Inc.**

552 N.W. 77th Street  
Boca Raton, FL 33431  
(305) 997-9660

John Witheron, President  
Services: ApplSW  
Private

**Computer Applications Tomorrow**

24151 Telegraph Road  
Southfield, MI 48034  
(313) 356-1850

Private

**Computer Applies Systems**

2507 S. Queen Street  
York, PA 17402  
(717) 741-3851

Services: Proc  
Private

**Computer Assistance International, Inc.**

200 Park Rd.  
West Hartford, CT 06119  
(203) 521-3284

Thomas McDonagh  
Total Employees: 675  
Services: Pfs ApplSW  
Private

**Computer Associates International, Inc.**

711 Stewart Ave.  
Garden City, NY 11530-4787  
(516) 227-3300

Charles B. Wang, Chairman  
Total Employees: 1,600  
Services: Pfs ApplSW SysSW  
Public

**Computer Cognition**

8190E Mira Mesa Blvd.  
Suite 104  
San Diego, CA 92126  
(619) 566-4664

Pamela L. Coker  
Services: Pfs ApplSW  
Private

**Computer Company (The)**

Please see Blue Cross & Blue Shield

**Computer Compositions International**

16661 Ventura Blvd., Suite 425  
Encino, CA 91436  
(213) 986-5552

Hans Bassoc, President  
Services: Tky  
Private

**Computer Concepts & Services, Inc.**

Please see Business Records Corporation

**Computer Consoles, Inc.**

950 Winter St.  
Waltham, MA 02154  
(617) 890-0708

John F. Cunningham, President  
Total Employees: 1,373  
Services: ApplSW Tky  
Public

**Computer Consulting Center, Inc. (The)**

575 Eighth Avenue, 19th Floor  
New York, NY 10018  
(212) 564-9088

Services: Pfs ApplSW  
Private

**Computer Consulting & Conversions, Inc.**

214 Westfall Avenue  
King of Prussia, PA 19406-3633  
(215) 277-5505

Colin Stewart, President  
Services: Pfs  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Computer Corporation of America**

Four Cambridge Center  
Cambridge, MA 02142  
(617) 492-8860

Richard D. Stewart, President

Total Employees: 350

Services: SysSW

Private

**Computer Cost Control Corporation**

Please see ICC, Inc.

**Computer Covenant Corporation**

309 Farmington Avenue  
Farmington, CT 06032  
(203) 677-6563

Services: AppISW

Private

**Computercraft Services, Inc.**

1380 S. Santa Fe Drive  
Denver, CO 80223  
(303) 778-1122

Gerald Lawson, President

Services: Proc

Private

**Computer Curriculum Corporation**

700 Hensen Way  
Palo Alto, CA 94304  
(800) 982-5851

Dr. Patrick Suppes, President

Services: Tky

Private

**Computer Data Processing, Inc.**

2307 Oak Lane  
P.O. Box 531259  
Grand Prairie, TX 75053  
(214) 263-4591

M.W. Procell, President

Total Revenue, FYE 12/86: (Est) \$ 7.0 m

Total Employees: 100

Services: Proc

Private

**Computer Data Systems, Inc.**

One Curie Court  
Rockville, MD 20850  
(301) 921-7000

Clifford M. Kendall, President

Total Employees: 1,450

Services: Pfs Proc AppISW SysInt Tky

Public

**Computer Designed Systems**

10911 Olson Memorial Highway  
Minneapolis, MN 55441  
(612) 545-2855

Gregory T. Pulos, President

Services: Tky

Public

**Computer Development Inc.**

6700 SW 105  
Beaverton, OR 97005  
(503) 646-1599

Private

**Computer Development Services, Inc.**

1851 Dana Street  
Glendale, CA 91201  
(818) 500-0228

Services: AppISW

Private

**Computer Dynamics, Inc.**

29792 Telegraph Road  
Southfield, MI 48034  
(313) 357-4200

Robert A. Jones, President

Services: Pfs AppISW SysInt

Private

**Computer Entry Systems Corporation**

2120 Industrial Parkway  
Silver Spring, MA 20904  
(301) 622-3500

Michael J. King, President

Total Revenue, FYE 12/86: \$ 72.6 m

Services: Pfs Proc AppISW Tky

Public

**Computer Financial Services**

13425 N.E. 20th  
Bellevue, WA 98005  
(206) 746-2666

David Osterholt, President

Total Employees: 5

Services: AppISW

Private

**Computer Generation, Inc.**

3301 Buckeye Road  
Atlanta, GA 30341  
(404) 458-2371

Jackie Ward, President

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Computer Graphics of Arizona, Inc.**

2101 West Alice  
Phoenix, AZ 85021  
(602) 870-0606

Ronald L. Jensen, President  
Services: Proc  
Private

**Computer Guidance Corporation**

2122 E. Highland  
Phoenix, AZ 85018  
(602) 957-2288

Lew Halpert, Chairman  
Services: ApplSW SysSW  
Private

**Computer Horizons Corporation**

747 3rd Avenue  
New York, NY 10017  
(212) 371-9600

John J. Cassese, President  
Total Employees: 1,200  
Services: Pfs  
Public

**Computer Identics Corporation**

5 Shawmut Road  
Canton, MA 02021  
(617) 821-0830

Frank Wgzniak, President  
Services: SysSW SysInt Tky  
Public

**Computer Information Systems, Inc.**

165 Bay State Drive  
Braintree, MA 02184  
(617) 848-7515

Howard Reisman, President  
Services: Proc ApplSW SysSW Tky  
Private

**Computer Innovations**

55 E. Jackson  
Chicago, IL 60654  
(312) 663-5930

Jean Franz, President  
Total Revenue, FYE 12/86: (Est) \$ 2.0 m  
Total Employees: 20  
Services: ApplSW  
Private

**Computer Input Corporation**

1840 South Elena  
Redondo Beach, CA 90277  
(313) 372-2177

John Bradley, President  
Services: Proc ApplSW  
Private

**Computer Intelligence Corporation**

Please see Ziff-Davis Publishing

**Computer Interactive Computing, Inc.**

12517 Chandler Blvd.  
North Hollywood, CA 91607  
(818) 985-2680

Jerry Buckley, President  
Total Revenue, FYE 06/86: \$ 8.0 m  
Total Employees: 70  
Services: Pfs Proc ApplSW Tky  
Private

**Computerized Business Systems**

13490 Northwest 45th Avenue  
Miami, FL 33054  
(305) 685-8451

Private

**Computerized Data**

13490 Northwest 45th Avenue  
Miami, FL 33094  
(305) 769-3361

Services: Proc Tky  
Private

**Computerized Forms Management, Inc.**

880 N. York Rd  
Elmhurst, IL 60126  
(312) 530-1023

Jerome S. Ward, President  
Services: ApplSW  
Private

**Computerized Lodging Systems, Inc.**

4800 Airport Plaza Drive, Suite 160  
Long Beach, CA 90815  
(213) 421-2191

David Berkus, President  
Total Employees: 200  
Services: Pfs Network ApplSW SysInt Tky  
Private

**Computerized Management Decisions, Inc.**

6535 E. 82nd Street, Suite 102  
Indianapolis, IN 46250  
(317) 842-3900

Thomas Proctor, President  
Private

**Computerized Office Services, Inc. (COSI)**

313 N. First St.  
Ann Arbor, MI 48103  
(313) 665-8778

Michael Wilens, President  
Services: Pfs ApplSW  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Computer Language Research, Inc.**

2395 Midway Rd.  
Carrollton, TX 75006  
(214) 250-7000

Stephen T. Winn, President  
Total Employees: 1,225  
Services: Pfs Proc ApplSW Tky  
Public

**Subsidiaries/Divisions:**

**Micro-Tax**

6203 Variel Avenue  
Woodland Hills, CA 91367  
(818) 704-7883

Gary Damiano, President  
Services: Pfs

**Computer Library**

3225 Danny Parkway  
New Orleans, LA 70002  
(504) 455-5330

Daniel A. Ellis, President  
Services: Pfs  
Private

**Computer Management Corporation**

Acquired. Please see Broadway & Seymour, Inc.

**Computer Market Services**

Please see Harte-Hanks Communications, Inc.

**Computer Mart, Inc.**

1395 Main Street  
Waltham, CA 02154  
(617) 899-4540

Charles Dunning, President  
Services: ApplSW Tky  
Private

**Computer Merchant, Ltd. (The)**

175 Derby Street, Unit 17  
Hingham, MA 02043  
(617) 749-4634

John R. Daniel, President  
Services: Pfs ApplSW  
Private

**Computer Modules, Inc.**

1190 Miraloma Way  
Sunnyvale, CA 94086  
(408) 737-7727

L. Zoltan, President  
Services: Tky  
Private

**Computer Multiple Listing Service**

3212 Chichester Lane  
Fairfax, VA 22031  
(703) 560-8350

Arthur F. Phiney, President  
Services: ApplSW  
Private

**Computer Network Division**

Please see COMNET Corporation

**Computer Partners, Inc.**

Acquired. Please see Computer Sciences Corporation

**Computer Payroll Company**

633 Young Street  
Santa Clara, CA 92705  
(714) 557-8214

William M. Brunskill, President  
Services: Pfs Proc  
Private

**Computer People Group**

England

**Subsidiaries/Divisions:**

**Computer People, Inc.**

2029 Century Park East  
Suite 950  
Los Angeles, CA 90067  
(213) 551-2647

Tony Tuckers, President  
Services: Pfs

**Computer People, Inc.**

Please see Computer People Group

**Computer People Unlimited, Inc.**

744 North 4th Street  
Milwaukee, WI 53203  
(414) 278-8884

Richard Weiss, President  
Private

**Computer Power Group**

**Subsidiaries/Divisions:**

**Cornell Computer Corporation**

125 E. Bethpage Road  
Plainview, NY 11803  
(516) 420-5900

Jerome Gilbert, President  
Total Employees: 410  
Services: Pfs



**CAMS 1988**  
**Directory of Information Services Companies**

**Computer Power, Inc.**

P.O. Box 2388  
Jacksonville, FL 32231-0076  
(904) 350-1400

David M. Hicks, President  
Total Employees: 320  
Services: Pfs ApplSW  
Private

**Computer Processing Institute, Inc.**

111 Ash Street  
E. Hartford, CT 06108  
(203) 528-3716

David Shefrin, President  
Total Employees: 240  
Services: Pfs  
Private

**Computer Publication Retailer**

322 Eighth Avenue  
New York, NY 10001  
(212) 620-7330  
Private

**Computer Recognition Systems, Inc.**

Please see Computer Recognition Systems, Ltd.

**Computer Recognition Systems, Ltd.**  
England

Subsidiaries/Divisions:

**Computer Recognition Systems, Inc.**

11 Orion Park Dr.  
Ayer, MA 01432  
(508) 772-3991

F. Patrick Murphy, President  
Total Revenue, FYE 12/88: (Est) \$ 7.5 m  
IS Revenue : \$ 4.5 m  
Total Employees: 60

**Computer Representatives, Inc.**

Please see CRI, Inc.

**Computer Research, Inc.**

Cherrington Corporate Center  
1700 Beaver Grade Road, Building Two  
Corapolis, PA 15108  
(412) 262-4430

James L. Schultz, President  
Services: Proc SysInt  
Public

**Computer Resource Management, Inc.**

210-C Galloway Road  
Vienna, VA 22180  
(703) 893-9261

Ervin Torrez, President  
Total Employees: 150  
Private

**Computer Sciences Corporation**

2100 E. Grande Ave.  
El Segundo, CA 90245  
(213) 615-0311

William Hoover  
Services: Pfs Proc Network SysInt Tky  
Public

Subsidiaries/Divisions:

**Computer Partners, Inc.**

One University Office Park  
Waltham, MA 02154  
(617) 647-0116

Paul Crowley, President  
Total Revenue, FYE 06/86: \$ 20.0 m  
Total Employees: 295  
Services: Pfs

**Computer Services Associates**

P.O. Box 13244  
Oakland, CA 94661  
(415) 834-5454

Donald Mulrey, President  
Total Revenue, FYE 10/86: (Est) \$ 0.1 m  
Total Employees: 2  
Services: Pfs  
Private

**Computer Services Company**

3010 Buchanan St.  
Wichita Falls, TX 76308  
(817) 696-3010

Leonard Chittum, Jr., President  
Services: Proc ApplSW  
Private

**Computer Services Corp.**

1801 1st Avenue, South  
Suite 400, P.O. Box 10447-A  
Birmingham, AL 35202  
(205) 320-6900

Roland B. Smith, President  
Private

**Computer Services, Inc.**

P.O. Box 60  
Paducah, KY 42002-0060  
(502) 442-7361

John A. Williams, Chairman  
Total Employees: 190  
Services: Proc  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Computers for Marketing Corporation**

547 Howard Street  
San Francisco, CA 94105  
(415) 777-0470

Leif Gjestland

Total Revenue, FYE 09/88: (Est) \$ 2.5 m

Total Employees: 40

Services: Proc ApplSW

Private

**Computer Software Consultants Inc.**

180 State Street  
Binghamton, NY 13901  
(607) 722-3538

Dallas T DeFee, President

Services: Pfs ApplSW Tky

Private

**Computer Software Design**

1904 Wright Circle  
Anaheim, CA 92806  
(714) 634-9012

Michael Strong, President

Services: Proc ApplSW

Private

**Computer & Software Education Company**

214 Good Hill Road  
Weston, CT 06883  
(215) 878-2531

Private

**Computer Software for Professionals, Inc.**

1615 Broadway  
14th Floor  
Oakland, CA 94612  
(415) 444-5316

Phillip Rubin

Total Revenue, FYE 12/87: (Est) \$ 0.5 m

Total Employees: 10

Services: Pfs ApplSW

Private

**Computer Support Services, Inc.**

38 N. Second Street  
Box 500  
Lewisburg, PA 17837  
(717) 524-4424

David L. Cornelius

Services: Pfs Proc ApplSW Tky

Private

**Computer Synergy, Inc.**

Acquired. Please see Shared Medical Systems Corporation

**Computer Task Group, Inc.**

800 Delaware Ave.  
Buffalo, NY 14209  
(716) 882-8000

David N. Campbell

Total Employees: 2,500

Services: Pfs SysInt

Public

**Computer Technology Center**

1625 West Olympic Blvd.  
Los Angeles, CA 90015  
(213) 385-5118

Private

**Computer Technology Group**

310 S. Michigan Avenue  
Chicago, IL 60604  
(312) 987-4084

John DeAno, President

Services: Pfs

Private

**Computer Technology, Inc.**

11101 N.E. 8th, Suite 238  
Bellevue, WA 98004  
(206) 455-1700

Dan E. Enslow, President

Services: Pfs ApplSW

Private

**Computervision Corporation**

Acquired. Please see Prime Computer, Inc.

**Computerware**

P.O. Box 668  
Encinitas, CA 92024  
(619) 436-3512

Sue Searby, Vice President

Private

**Computex, Inc.**

41 East 42nd Street  
New York, NY 10017  
(212) 661-5770

Katherine Mirrer, President

Services: Pfs

Public

**Computing Applications Software Technology (CAST)**

5450 Katella Avenue, Suite 102  
Los Alamitos, CA 90720  
(213) 493-3536

John Clark, President

Services: Pfs ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Computing Canada**

211 Consumers Rd., Suite 302  
Willowdale M2J4G8  
Ontario  
Canada  
(416) 497-9562  
Private

**Computing Technicians Corporation**

13896 Harbor Blvd.  
Garden Grove, CA 92643  
(714) 554-1551  
Richard V. Evans, President  
Total Employees: 14  
Services: Pfs ApplSW  
Private

**Computoservice, Inc.**

1315 Stadium Road  
Mankato, MN 56001  
(507) 625-1691  
Robert Holzinger, President  
Total Employees: 104  
Services: Proc Tky  
Private

**CompuTrac, Inc.**

222 Municipal Drive  
Richardson, TX 75080  
(214) 234-4241  
Harry W. Margolis, President  
Total Revenue, FYE 01/88: \$ 7.4 m  
Total Employees: 43  
Services: Tky  
Public

**Computron Technologies Corp.**

150 Meadowland Parkway  
Secaucus, NJ 07094  
(201) 865-8400  
Private

**CompuView**

1955 Pauline Blvd.  
Ann Arbor, MI 48103  
(313) 996-1299  
Theodore Green, President  
Total Employees: 8  
Services: ApplSW  
Private

**Compuware Corporation**

31440 Northwestern Highway  
Farmington Hills, MI 48018  
(313) 737-7300  
Peter Karmanos, Jr.  
Total Employees: 800  
Services: Pfs SysSW  
Private

**Comsell, Inc.**

Please see Murdoch Electronic Publishing

**Comserv Corporation**

Acquired. Please see Management Science America

**Comshare, Inc.**

3001 S. State St.  
Ann Arbor, MI 48104  
(313) 994-4800  
Richard L. Crandall, President  
Total Employees: 886  
Services: Pfs Proc ApplSW  
Public

**Consul, Ltd.**

417 Montgomery Street, Suite 301  
San Francisco, CA 94104  
(415) 989-6700  
Peter Valentine, President  
Private

**Comtech Group International, Ltd.**

Subsidiaries/Divisions:

**POS Technology**

111 Richmond Street W.  
Toronto M5H 2G4  
Ontario  
Canada  
(416) 867-1234  
Don Gray, Chairman  
Services: Tky

**Comtech Systems, Inc.**

1105 Shrock Road  
Suite 816  
Columbus, OH 43229  
(614) 431-2345  
Thomas D. Wittkopt, President  
Total Revenue, FYE 12/87: (Est) \$ 7.5 m  
Total Employees: 140  
Services: Pfs  
Private

**Comvestrix Corporation**

1501 Broadway  
New York, NY 10036  
(212) 869-0640  
Joel Carton, President  
Services: Proc  
Private

**Concentric Data Systems, Inc.**

18 Lyman St.  
Westboro, MA 01581  
(617) 366-1122  
John Henderson, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Concept Omega Corporation**  
19 Schoolhouse Road  
P.O. Box 6712  
Somerville, NJ 08875-6712  
(201) 560-1377

John L. Johnson, President  
Services: ApplSW  
Private

**Subsidiaries/Divisions:**

**Thoroughbred Software**  
19 Schoolhouse Road  
Somerset, NJ 08875-6712  
(201) 560-1377

John L. Johnson, President  
Total Revenue, FYE 10/88: (Est) \$ 15.0 m  
IS Revenue : \$ 12.0 m  
Total Employees: 95  
Services: ApplSW SysSW Tky  
Private

**Concept Systems, Inc.**

1 Franklin Plaza  
Suite 650  
Philadelphia, PA 19102  
(214) 563-1425

Joseph T. Epprendi, President  
Total Employees: 44  
Services: Pts ApplSW Tky  
Private

**Concord Computing Corporation**

500 West Cummings Park  
Suite 3500  
Woburn, MA 01301

Thomas Swithenbank, President  
Total Revenue, FYE 09/87: \$ 12.8 m  
Total Employees: 160  
Services: Proc  
Public

**Concord Data Systems, Inc.**

397 William Street  
Marlboro, MA 01752  
(617) 460-0808

Kenneth Miller, President  
Total Revenue, FYE 07/86: (Est) \$ 6.0 m  
Total Employees: 70  
Services: ApplSW  
Private

**Concord Management Systems, Inc.**

5301 W. Cypress  
Tampa, FL 33622  
(800) 851-1115

Floyd McCall  
Total Employees: 100  
Services: ApplSW Tky  
Private

**Concourse Research**

9304 Forest Lane, Suite 117  
Dallas, TX 75243  
(214) 340-1831

Private

**Concurrent Computer Corporation**

Please see Perkin-Elmer

**Condor Computer Corporation**

2051 S. State St.  
Ann Arbor, MI 48104  
(313) 769-3988

Philip Ingebo, President  
Services: ApplSW  
Private

**Conductor Software, Inc.**

5215 North O'Conner Blvd., Suite 200  
Williams Square of Las Colinas  
Irving, TX 75039  
(214) 869-9124

Patrick M. Sullivan, President  
Services: ApplSW  
Private

**Conetic Systems, Inc.**

1470 Doolittle Drive  
San Leandro, CA 94577  
(415) 430-8875

Services: ApplSW  
Private

**Conso Enterprises, Inc.**

Acquired. Please see Computer Associates International

**Considine Computing Services**

490 Trapelo Road  
Belmont, MA 02178  
(617) 484-6814

Thomas Considine, President  
Private

**Consilium Inc.**

1945 Charleston Road  
Mountain View, CA 94043  
(415) 940-1400

John Gullivan, President  
Private

**Consolidated Computer Corporation**

1180 Avenue of the Americas  
New York, NY 10036  
(212) 575-8240

Bob McGill, President  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Consolidated Health Care**

111 West Saint John Street  
Suite 230  
San Jose, CA 95113  
(408) 287-5018

Dave Griffith, President & CEO

Services: ApplSW

Private

**Consolidated Information Company**

177 Post Street, #908  
San Francisco, CA 94108  
(415) 433-5333

W. McDonald, Partner

Services: ApplSW

Private

**Constell Group (The), Inc.**

216 Stelton Road  
Piscataway, NJ 08854  
(201) 968-9310

Services: Pfs

Private

**Construction Data Control, Inc.**

3675 Crestwood Parkway #400  
Duluth, GA 30136  
(404) 279-0304

John Geoffrey, President

Total Employees: 65

Services: ApplSW

Private

**Consultant Systems, Inc.**

P.O. Box 6347  
Santa Barbara, CA 93160  
(805) 683-7700

Jim Yee, President

Services: Proc ApplSW

Private

**Consultec**

Please see General American Life Insurance Co.

**Consulting Team Inc.**

1655 Palm Beach Lakes Blvd., Suite 200  
West Palm Beach, FL 33401  
(305) 478-0022

Services: Pfs

Private

**Consumer Systems Corporation**

2 E. 22nd Street  
Lombard Grove, IL 60148  
(312) 495-8822

Rayman Dionisio, President

Total Employees: 17

Services: SysSW

Private

**Contel ASC**

Please see Contel Corporation

**Contel Corporation**

245 Perimeter Center Parkway  
P.O. Box 105194  
Atlanta, GA 30348  
(404) 391-8000

Charles Wohlstetter

Services: Pfs ApplSW SysSW Tky

Public

Subsidiaries/Divisions:

**Contel ASC**

1801 Research Blvd.  
Rockville, MD 21850  
(301) 251-8300

Services: Network

**Contel Data Services Corporation**

245 Perimeter Center Parkway  
Atlanta, GA 30346  
(404) 391-8000

John N. Lemasters, President

Services: Pfs Proc ApplSW

**Contel Information Systems, Inc.**

130 Steamboat Road  
Great Neck, NY 11024  
(516) 829-5900

Dave Rubin, CEO

Services: Pfs

**Contel Data Services Corporation**

Please see Contel Corporation

**Contel Information Systems, Inc.**

Please see Contel Corporation

**Context Management Systems**

23864 Hawthorne Blvd., Suite 101  
Torrance, CA 90505  
(818) 706-3141

David Saykally, President

Private

**Continental Data Processing, Inc.**

300 Laird Street  
P.O. Box 1385  
Wilkes-Barre, PA 18703  
(717) 824-9868

Paul Gozick, President

Services: Proc Tky

Private

**Continental Software Company**

Acquired. Please see Arrays, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Continuum Company, Inc. (The)**

9500 Arboretum Blvd.  
Austin, TX 78759  
(512) 345-5700

Ronald C. Carroll, CEO & President  
Total Revenue, FYE 03/88: \$ 60.4 m  
Total Employees: 637  
Public

**Contractors Management Systems**

1150 Sunset Hills Road, Suite 300  
Reston, VA 22090  
(703) 435-3172

Scott Sloan, President  
Total Revenue, FYE 10/86: (Est) \$ 2.0 m  
Total Employees: 22  
Services: ApplSW  
Private

**Contrax Systems, Inc.**

3365 #6 N. Arlington Heights  
Arlington Heights, IL 60004

Lawrence C. May, President  
Services: Pfs ApplSW  
Private

**Control Analysis**

155 Great Circle Drive  
Mill Valley, CA 94941  
(415) 381-0570

Services: Pfs ApplSW  
Private

**Control Data Business Services Group**

Please see Control Data Corporation

**Control Data Computer Systems and Services**

Please see Control Data Corporation

**Control Data Corporation**

8100 34th Ave., South  
Minneapolis, MN 55440  
(612) 853-8100

Robert M. Price

Services: Pfs Proc Network ApplSW SysSW SysInt Tky  
Public

Subsidiaries/Divisions:

**Control Data Business Services**

8100 34th Avenue South  
Minneapolis, MN 55440  
(612) 853-8100

D.P. White, President

**Control Data Computer Systems and Services Group**

8100 34th Avenue South  
P.O. Box 0  
Minneapolis, MN 55440  
(612) 853-4013

Thomas C. Roberts, President

**Convergent Business Systems, Inc.**

Please see Convergent, Inc.

**Convergent, Inc.**

Acquired. Please see Unisys

**Convergent Open Systems**

Acquired. Please see Prime Computer

**Conversant Software Corporation**

Private

Subsidiaries/Divisions:

**Creditware**

5595 Beltline Road  
Suite 150  
Dallas, TX 75240  
(214) 490-4931

Services: ApplSW

**Cook Data Services, Inc.**

6510 Abrams Rd., Suite 410  
Dallas, TX 75231  
(214) 341-7700

David P. Cook, President

Services: Proc ApplSW

Public

**Coopers & Lybrand**

1251 Avenue of the Americas  
New York, NY 10020  
(212) 536-3190

Services: Pfs

Private

Subsidiaries/Divisions:

**Walter E. Ulrich Consultants**

1100 Louisiana Ave #4100  
Houston, TX 77002  
(713) 666-5433

Carol Philips, Partner in Charge

Total Revenue, FYE 12/86: (Est) \$ 4.0 m

Total Employees: 60

Services: Pfs

**CAMS 1988**  
**Directory of Information Services Companies**

**Corbel & Co.**

6620 South Point Drive, South  
Jacksonville, FL 32216  
(904) 731-4455

Larry Richter, Chairman

Total Employees: 40

Services: Proc

Private

**Cordatum, Inc.**

4720 Montgomery Lane  
Bethesda, MD 20814  
(301) 652-5424

Merle C. Garvis, President

Total Revenue, FYE 12/86: \$ 1.0 m

Services: Pfs ApplSW

Public

**Cordura Corporation**

2029 Century Park, East, Suite 3210  
Los Angeles, CA 90067  
(213) 553-4646

Norman Friedman, CEO

Services: Pfs ApplSW

Private

**Cornell Computer Corporation**

Please see Computer Power Group

**Cornwell, Robert Associates**

352 Evelyn Street  
Paramus, NJ 07652  
(201) 261-1050

Robert Cornwell, Jr., President

Private

**Corporate Software, Inc.**

410 University Ave.  
Westwood, MA 02090  
(617) 329-3500

Morton H. Rosenthal, Chairman & CEO

Total Employees: 213

Services: Pfs

Public

**Corporate Systems**

1212 Ross Street  
Amarillo, TX 79120  
(806) 376-4223

Guyon Sanders, President

Total Employees: 232

Services: ApplSW Tky

Private

**Corporate-TECH Planning, Inc.**

245 Winter Street  
Waltham, MA 02154  
(617) 890-2600

George O'Rourke, President

Services: Pfs ApplSW Systnt

Private

**Corstar Business Computing Company, Inc.**

1 Aqueduct Rd.  
White Plains, NY 10606  
(914) 428-5550

John F. Sitar, President

Services: Pfs Tky

Private

**CorSTAR, Inc.**

Please see Teknekron Industries

**Cortex Corporation**

138 Technology Drive  
Waltham, MA 02154  
(617) 894-7000

Stuart J. Miller, President

Total Revenue, FYE 06/88: \$ 7.0 m

Total Employees: 125

Services: SysSW

Private

**COSI, Inc.**

313 N. 1st Street  
Ann Arbor, MI 48103  
(313) 665-8778

Don DeSmith, President

Services: Pfs ApplSW

Private

**Cosyde Corportion**

545 5th Avenue, Suite 1103  
New York, NY 10117  
(212) 953-1720

Howard Radin, President

Services: Pfs

Private

**Courseware Applications, Inc.**

475 Devonshire Drive  
Champaign, IL 61820  
(217) 359-1878

George Trainer, President

Total Employees: 4

Services: Pfs ApplSW

Private

**Courseware, Inc.**

10075 Carroll Canyon Road  
San Diego, CA 92131  
(619) 578-1700

John J. Splavec, President

Total Employees: 55

Services: Pfs

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**COVIA**

9700 W. Higgins Road  
Rosemont, IL 60018  
(312) 518-4000

Barry Kotar

Total Revenue, FYE 12/87: (Est) \$ 400.0 m

Total Employees: 3,000

Services: Network

**Coyne Kalajian, Inc.**

1701 North Fort Myer Drive  
Suite 600  
Arlington, VA 22209  
(703) 522-7026

Private

**CRC Information Systems, Inc.**

435 Hudson Street  
New York, NY 10014  
(212) 620-5678

Alvin L. Steinhart, President

Services: Pfs Proc

Private

**Creative Data Systems**

9300 W. 110th Street  
Building 55, Suite 150  
Overland Park, KS 66210  
(913) 451-4618

Dunn E. Kroeger, President

Services: Pfs ApplSW

Private

**Creative Management Systems, Inc.**

Please see Cincinnati Bell, Inc.

**Creative Processing Systems**

8800 Edgeworth Drive  
Capitol Heights, MD 20143  
(301) 350-5600

Phillip F. Sheats, President

Services: Proc

Private

**Credit Card Software, Inc.**

The Spectrum Building  
900 Winderley Place  
Maitland, FL 32751  
(305) 660-0343

Edward F. Hargroves, President

Total Revenue, FYE 01/88: \$ 11.6 m

Total Employees: 150

Services: Proc

Private

**Creditware**

Please see Conversant Software Corporation

**Crichlow Data Sciences Inc.**

15701 Brandywine Road  
Dumfries, VA 22026  
(703) 670-2040

Private

**CRI, Inc.**

Public

Subsidiaries/Divisions:

**Computer Representatives, Inc.**

5333 Betsy Ross Drive  
P.O. Box 58004  
Santa Clara, CA 95052  
(408) 980-9898

Ronald L. Dumas, CEO

Total Revenue, FYE 11/87: (Est) \$ 5.0 m

IS Revenue : \$ 4.8 m

Total Employees: 50

Services: ApplSW

Private

**Cronus Industries, Inc.**

12700 Park Central  
Dallas, TX 75251  
(214) 386-2900

Private

Subsidiaries/Divisions:

**Business Records Corporation**

1111 W. Mocking Bird  
Dallas, TX 75247  
(214) 688-1800

Perry Esping

Total Employees: 1,150

Services: Pfs ApplSW Tky

**Crowntek Communications, Inc.**

Please see Crownx, Inc. CANADA

**Crowntek, Inc.**

Please see Crownx, Inc. CANADA

**Crownx, Inc. CANADA**

120 Bloor Street  
Toronto M4W 1138  
Ontario  
Canada  
(416) 928-7722

Public

Subsidiaries/Divisions:

**Crowntek Communications, Inc.**

650 McNicoll Ave.  
Willowdale M2H 2E1  
Ontario  
Canada  
(416) 499-1012



**CAMS 1988**  
**Directory of Information Services Companies**

- Crowntek, Inc.**  
3000 Steeles Avenue East  
Markham LSR 4T9  
Ontario  
Canada  
(416) 493-0800  
Edward P. Cannon, President  
Services: Pfs Proc ApplSW
- U.S. Administrators**  
3540 Wilshire Blvd.  
Los Angeles, CA 90010  
(213) 383-1100  
Geoffrey Wood, President  
Total Employees: 115  
Services: Proc  
Public
- CR Software, Inc.**  
10474 Armstrong Street  
Fairfax, VA 22031  
(703) 934-9060  
Warren Dedrick, President  
Services: ApplSW  
Private
- C-S Computer Systems, Inc.**  
200 South Main Street  
Box 356  
Manville, NJ 08835  
(201) 526-9000  
John E. Czerkies, President  
Services: Pfs Proc ApplSW  
Private
- CS Laboratories, Inc.**  
P.O. Box 2871  
Auburn, AL 36831-2871  
(205) 821-1133  
Ken Coker, President & CEO  
Services: ApplSW  
Private
- CSS, Inc.**  
311 E. Pomona Drive  
Greensboro, NC 27407  
(919) 852-0680  
Dan Forney, President  
Services: Proc ApplSW  
Private
- C & S Systems, Inc.**  
P.O. Box 20843  
Birmingham, AL 35216  
(205) 979-7111  
Leeland H. Cowart, President  
Services: ApplSW  
Private
- CTEC**  
6862 Elm Street  
McLean, VA 22101  
(703) 556-7400  
Edward H. Bersoff, President  
Private
- C Tek Software, Inc.**  
30 Rockefeller Plaza, Suite 4318  
New York, NY 10112  
(212) 246-7733  
Robert L. Chambers, President  
Total Revenue, FYE 12/86: \$ 5.0 m  
Total Employees: 30  
Services: Pfs ApplSW  
Private
- Cubicomp**  
21325 Cabbot Blvd.  
Hayward, CA 94545  
(415) 887-1300  
Donald Bogue  
Total Employees: 75  
Services: SysSW Tky  
Private
- CUC International, Inc.**  
707 Summer St.  
Stamford, CT 06901  
(203) 324-9261  
Walter A. Forbes, President  
Total Employees: 2,000  
Services: Network  
Public
- Cullinet Software, Inc.**  
400 Blue Hill Dr.  
Westwood, MA 02090  
(617) 329-7700  
John Cullinane  
Services: Pfs ApplSW SysSW  
Public
- Subsidiaries/Divisions:  
**Applied Development Corporation**  
**Distribution Management Systems, Inc.**  
427 Naugatuck Ave.  
Milford, CT 06460  
(203) 874-6019  
Joseph Greene, President  
Total Revenue, FYE 12/87: (Est) \$ 1.5 m  
Total Employees: 15  
Services: Tky

**CAMS 1988**  
**Directory of Information Services Companies**

**Culverin Corporation**  
1440 Yankee Park Place  
Dayton, OH 45459  
(513) 435-2335

Eric T. Wagner, President  
Total Revenue, FYE 12/86: \$ 2.8 m  
Total Employees: 35  
Services: Pfs ApplSW  
Private

**Custom Business Systems, Inc.**  
P.O. Box 67  
Reedsport, OR 97467  
(503) 271-3684

Bob Richardson, President  
Total Employees: 43  
Services: ApplSW  
Private

**Custom Solutions, Inc.**  
2570 El Camino Real West  
Suite 600  
Mountain View, CA 94040  
(415) 949-4224  
Private

**Cutler-Williams**  
4000 McEwen S.  
Suite 200  
Dallas, TX 75244  
(214) 960-7053

George Enochs, President  
Total Revenue, FYE 12/88: (Est) \$ 15.0 m  
Total Employees: 300  
Services: Pfs  
Private

**Cway Software Inc.**  
121 West Dekalb Pike  
King of Prussia, PA 19406  
(212) 265-4060  
William DiPietro  
Services: ApplSW  
Private

**C & W Incotel, Inc.**  
Please see Cable & Wireless, Ltd.

**CXI, Inc.**  
3606 West Bayshore Road  
Palo Alto, CA 94303-4229  
(415) 424-0700  
Louis Cole, President  
Private

**Cybernetics Resource Corporation**  
275 Main St.  
Port Washington, NY 11050-2703  
(516) 883-7676  
Thomas Bartha, President  
Private

**Cybernetics Systems, Inc.**  
550 Water Street  
Jacksonville, FL 32202  
(904) 359-3145

Jack N. Cooper, President  
Services: Pfs Proc ApplSW

**Cyber Publishing Inc.**  
5 Science Park Center  
P.O. Box 9565  
New Haven, CT 06536  
(203) 786-5151

Robert Molloy, President  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
Total Employees: 18  
Services: Proc Tky  
Private

**CYBERTEK Corp.**  
6133 Bristol Parkway  
Culver City, CA 90230  
(213) 649-2450

Vaughn W. Morgan  
Total Employees: 290  
Services: Pfs Proc ApplSW  
Public

**Cybertronics, Inc.**  
842 Cottage Avenue, East  
Minneapolis, MN  
(612) 771-5623

Robert Hansen, President  
Services: Pfs Proc ApplSW SysInt  
Private

**Cyborg Systems, Inc.**  
2 N. Riverside  
Chicago, IL 60606  
(312) 454-1865  
Michael D. Blair, President  
Total Employees: 110  
Services: ApplSW  
Private

**CyCare Systems, Inc.**  
4343 E. Camelback Rd.  
Suite 320  
Phoenix, AZ 85018  
(602) 952-5300

Jim H. Houtz, President  
Total Employees: 100  
Services: Proc ApplSW  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Subsidiaries/Divisions:**

**Articulate Publications, Inc.**

402 N. Larchmount Blvd.  
Los Angeles, CA 90004  
(213) 871-1350

Total Revenue, FYE 12/87: (Est) \$ 7.5 m

IS Revenue : \$ 5.3 m

Total Employees: 30

Services: Pfs Proc Network ApplSW SysSW SysInt

Private

**Cycom Corporation**

3355 Richmond Rd.  
Beachwood, OH 44122  
(216) 831-7990

James G. Musser, Chairman

Services: Tky

Private

**CYGNA Communications**

1100 Milan, Suite 3845  
Houston, TX 77002  
(713) 650-3800

Services: Pfs

Private

**Cygnat Technologies, Inc.**

Acquired. Please see McGraw-Hill, Inc.

**Cymbol-Cybernetics Corporation**

169 Colonnade Road  
Ottawa K2E 784  
Ontario  
Canada  
(613) 727-1880

Private

**Cytrol, Inc.**

4620 W. 77th Street  
Edina, MN 55435  
(612) 835-4884

Roy J. Smith, President

Services: Pfs ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Dagar/Software Development Corp.**

649 Amity Road  
Bethany, CT 06525  
(800) 233-3711

Arnold Rorrmann, President  
Services: ApplSW  
Private

**Daily & Rose Ltd.**

560 Rochester Street  
Ottawa K1F5K2  
Ontario  
Canada  
(613) 238-2992

Public

**Daisy Systems Corp.**

700 E. Middlefield Road  
Mountain View, CA 94039-7006  
(415) 960-6674

Norman Friedman  
Total Employees: 800  
Services: Tky  
Public

**Dalgety, Inc.**

3055 Fairview Way  
San Mateo, CA 94402  
(415) 572-8000

Peter Gardner, President  
Services: Pfs  
Private

**Daly & Wolcott**

P.O. Box 1509  
East Greenwich, RI 02818  
(401) 823-8400

Terrance Daly, President  
Services: Pfs ApplSW  
Private

**Damar Corporation**

Please see Praxis Group

**DAMA Telecommunications Corporation**

169 Johnson Road  
Parsippany, NJ 07054  
(201) 898-9300

Thomas E. McInerney, President  
Private

**DARCOR**

4405 N. I-10 Service Rd.  
Metairie, LA 70006  
(504) 888-6297

Dennis A. Richards  
Total Revenue, FYE 10/88: (Est) \$ 2.5 m  
Total Employees: 25  
Services: Pfs ApplSW SysSW Tky  
Private

**Dash Group, Inc.**

2913 Windmill Road  
Building 3, # 7  
Reading, PA 19608  
(215) 670-1441

Elaine Rick, President  
Services: ApplSW  
Private

**Dastra America, Inc.**

976 North Lemon Street  
Orange, CA 92667  
(714) 633-2275

Services: ApplSW  
Private

**Data 3 Systems, Inc.**

P.O. Box 441  
Santa Rosa, CA 95402  
(707) 528-6560

Al Stevens, President  
Services: ApplSW Tky  
Private

**Data Access Corporation**

14000 S.W. 119th Avenue  
Miami, FL 33186  
(305) 238-0012

Charles Casanave, CEO  
Total Employees: 67  
Services: ApplSW  
Private

**Data Architects, Inc.**

Name changed. Please see Logica Data Architects, Inc.

**Data Automation**

125 W. Mission Avenue, Suite 202  
Escondido, CA 92025  
(619) 743-3334

Richard Hackworth, President  
Total Employees: 6  
Services: ApplSW  
Private

**Databar Corporation**

10202 Cross Town Circle  
Eden Prairie, MN 55344  
(612) 944-5700

Private

**Database America**

99 W. Sheffield Avenue  
Englewood, NJ 07631  
(800) 223-7777

Paul Goldner, President  
Services: Network  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Database Applications, Inc.**  
400 Wall Street  
Princeton, NJ 08540  
(609) 924-2900  
Thomas Truitt, President  
Private

**Data Base Management, Inc.**  
1100 High Ridge Rd.  
Stamford, CT 06905  
(203) 322-4681  
William Schmidt, President  
Services: Pfs ApplSW  
Private

**Data Base Management Inc. (DBMI)**  
Please see American Management Systems, Inc.

**Database Technology Corporation**  
21 N. Skokie Hwy, Suite 107  
Lake Bluff, IL 60044  
(312) 295-7590  
Raymond Hirth, President  
Services: ApplSW  
Private

**Data Basics Corp.**  
415 Court Street  
Brooklyn, NY 11231-4108  
(718) 797-4343  
Don Lilcs, President  
Private

**Datability Software Systems, Inc.**  
322 8th Avenue  
New York City, NY 10001  
(212) 807-7800  
Ron Howard, President  
Services: ApplSW  
Private

**Data Card**

Subsidiaries/Divisions:

**Datatrol Corporation**  
Brent Drive  
Hudson, MA 01749  
(617) 568-1411  
Ed Langley, President  
Total Revenue, FYE 06/86: \$ 30.0 m  
Total Employees: 200  
Services: Tky

**Datacare, Inc.**  
3140 Chapareal Drive  
Building C  
Roanoke, VA 24018  
(703) 989-7023  
C. David Kirk, President  
Services: Pfs Proc ApplSW  
Private

**Datacomp Corporation**  
925 Chestnut St.  
Philadelphia, PA 19107  
(215) 627-2400  
Joe DiAngelo, President  
Services: Proc  
Private

**Data Computing Corporation**  
229 Baldwin Road  
Hempstead, NY 11551  
(516) 481-7344  
Charles Kornheiser, President  
Services: Proc  
Private

**DataCom Systems Corp.**  
Please see Lockheed Corporation

**Data Consultants, Inc.**  
Please see Glosser Brothers, Inc.

**Data Control Corporation**  
18980 Ventura Blvd #210  
Tarzana, CA 91356  
(818) 609-7900  
J Dale Debber, CEO  
Private

**Datacopy Corporation**  
Please see Xerox Corporation

**Datacorp Business Systems, Inc.**  
Sun Office Building  
2830 Euclid Avenue, 3rd Floor  
Cleveland, OH 44092  
(216) 731-8000  
Richard E. Taton, President  
Services: Pfs ApplSW Tky  
Private

**Datacount Corporation**  
19320 Van Ness Avenue  
Torrance, CA 90501  
(213) 775-3645  
Y.H. Rutenberg, President  
Total Revenue, FYE 12/87: \$ 2.5 m  
Total Employees: 100  
Services: Proc  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Data Design Associates, Inc.**  
1279 Oakmead Parkway  
Sunnyvale, CA 94086  
(408) 730-0100

David D. Lowry, President  
Total Employees: 117  
Services: ApplSW  
Private

**DataEase International, Inc.**  
7 Cambridge Drive  
Trumbull, CT 06611  
(203) 374-8000

Arun Gupta, President  
Total Employees: 120  
Services: SysSW  
Private

**DataFast, Inc.**  
132 Montgomery Street  
Scarsdale, NY 10583  
(914) 472-0165

James Dellarmi, President  
Services: Proc  
Private

**Data Flow, Inc.**  
3193 Tech Dr. North  
St. Petersburg, FL 33702  
(813) 228-8126

Martin Sullivan, Chairman  
Services: Proc ApplSW  
Private

**Data General Corporation**  
4400 Computer Dr.  
Westboro, MA 01580-9973  
(617) 366-8911

Edson D. de Castro, President  
Services: Pfs ApplSW SysSW Tky  
Public

**DataGraphic Computer Services**  
6856 Tujunga Avenue  
North Hollywood, CA 91605  
(213) 877-3171

Charles C. Hou, President  
Services: Pfs Proc ApplSW  
Private

**DatagraphiX**  
Acquired. Please see Anacom

**DATA Group Corporation (The)**  
Please see Nynex

**Datagroup, Ltd.**  
7250 N. Cicero  
Lincolnwood, IL 60066  
(312) 675-1620

Judy Mack, President  
Private

**Data Kinetics Ltd.**  
97 Norman Street  
Ottawa K1S 3K5  
Ontario  
Canada  
(613) 238-6709

George D. Kells, President  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
Total Employees: 50  
Services: ApplSW  
Private

**Data Language Corporation**  
Name changed. Please see Progress Software Corporation

**Data Law Company**  
6341 S. Troy Circle, Suite E  
Englewood, CO 80111  
(303) 790-8193

David Johnson, President  
Total Employees: 11  
Services: Pfs SysSW  
Public

**Datalex, Inc.**  
100 Pine Street, 24th Floor  
San Francisco, CA 94107  
(415) 362-4466  
Robert H. Erwin, President  
Services: Pfs ApplSW SysInt Tky  
Private

**Datalift Corporation**  
2960 San Pablo Avenue  
Berkeley, CA 94701  
(415) 548-0575  
Robert McGowan, President  
Total Revenue, FYE 12/86: (Est) \$ 3.0 m  
Total Employees: 130  
Services: Proc  
Private

**Dataline Corporation**  
Please see Convergent, Inc.

**Datalink Systems, Inc.**  
Please see Mellon Bank

**CAMS 1988**  
**Directory of Information Services Companies**

**Datalogics**

325 W. Huron  
Chicago, IL 60610  
(312) 266-4444

S. Brown, President  
Services: Pfs  
Private

**Data Management, Inc.**

7601 Bush Lake Road  
Edina, MN 55435  
(612) 831-3350

Gerald W. Simonson  
Private

**Data Management Services**

6223 S.W. Canyon Court  
Portland, OR 97221  
(503) 297-0015

Rick Gustafson  
Private

**Data Management Systems**

Independence Park  
Hyannis, MA 02601  
(617) 771-0661

David H. Brewster, CEO  
Total Revenue, FYE 10/86: (Est) \$ 3.3 m  
Total Employees: 45  
Services: Proc  
Private

**Datamap, Inc.**

7176 Shady Oak Rd.  
Eden Prairie, MN 55344  
(612) 941-1900

Grant Warfield, President  
Total Employees: 15  
Services: Pfs Proc Network ApplSW SysInt Tky  
Private

**Datamate Co.**

4135 S. 100th East Avenue, Suite 128  
Tulsa, OK 74146  
(918) 664-7276

Brad Jensen, President  
Total Revenue, FYE 12/86: (Est) \$ 0.5 m  
Total Employees: 7  
Services: ApplSW  
Private

**Data Mension**

615 Academy Drive  
Northbrook, IL 60062  
(312) 564-5060

William Moulds, President  
Private

**Datametrics Systems Corporation**

718 Palmer Drive  
Herndon, VA 22070  
(703) 425-1006

John Kelly  
Services: Pfs SysSW  
Private

**Data Planners**

21819 W. Nine Mile Road  
Suite 219  
Southfield, MI 48075  
(313) 353-0740

Joanne Kolaso, President  
Private

**Dataplex Co.**

9030 North Parkway  
Suite 104  
Houston, TX 77034  
(713) 448-4046

Bob Rowen, President  
Services: Proc  
Private

**Dataplotting Services Inc.**

Please see BP Resources

**Data Processing & Accounting Services**

50 Van Ness Avenue  
San Francisco, CA 94109  
(415) 621-2888

Robert Tessler, President  
Total Employees: 200  
Services: SysSW  
Private

**Data Processing Center, Inc.**

3920 Howard Ave.  
New Orleans, LA 70125  
(504) 821-6165

John Pepperman, President  
Total Employees: 21  
Services: Pfs  
Private

**Data Processing Reference Corp.**

175 Strafford Avenue  
Suite One  
Wayne, PA 19087  
(215) 687-7772

Joel Adams  
Services: Proc  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Data Processing Services, Inc.**

5875 Castle Creek Pkwy N Dr, #136  
Indianapolis, IN 46250-4308  
(317) 872-3800

Daniel Barrow, President

Services: Proc

Private

**Data Processing Support Corporation**

809 Glencagles Ct., Suite 213  
Towson, MD 21204  
(301) 321-8444

Walter Frizzell, President

Total Revenue, FYE 10/88: (Est) \$ 2.5 m

Total Employees: 25

Services: Pfs

Public

**Data Relationships Software, Inc.**

239 Fourth Ave., Investment Bldg, 712-A  
PGH., PA 15222  
(412) 391-0453

James Carson, Vice President

Services: ApplSW

Private

**Data Research Associates, Inc.**

1276 N. Warson Road  
P.O. Box 8495  
St. Louis, MO 63132  
(800) 325-0888

Michael J. Mellinger, President

Total Revenue, FYE 09/88: (Est) \$ 10.5 m

Total Employees: 70

Services: ApplSW Tky

Private

**Data Securities International, Inc.**

633 3rd Avenue  
New York, NY 10017  
(415) 984-5790

Services: Pfs

Private

**Data Support Corporation**

431 McCormack  
San Leandro, CA 94577  
(415) 638-1206

Private

**Data Systems Computer Centre, Inc.**

35 Fadem Road  
Springfield, NJ 07081  
(201) 467-2300

Larry Donofrio, President

Total Revenue, FYE 02/88: (Est) \$ 64.5 m

Total Employees: 220

Private

**Data Systems Corporation**

8827 Staples Mill Road  
Richmond, VA 23228  
(804) 264-7300

Paul Cox, President

Total Revenue, FYE 07/86: \$ 11.0 m

Total Employees: 150

Services: Pfs Proc ApplSW

Private

**Data Systems for Industry**

3942 Cerritos Ave.  
Los Alamitos, CA 90720-2475  
(213) 493-4541

Don Whipple, President

Total Revenue, FYE 06/86: (Est) \$ 6.0 m

Total Employees: 30

Services: Pfs ApplSW Tky

Private

**Data Systems, Inc.**

975 S.E. Sandy Boulevard  
Portland, OR 97214  
(503) 233-5126

William F. Holdner, President

Private

**Data Systems of North Florida, Inc.**

808 NW 23 Ave  
PO Box 12665  
Gainesville, FL 32604  
(904) 373-6156

Carey V Jones, President

Services: Pfs Proc ApplSW

Private

**Datatab, Inc.**

770 Broadway  
New York, NY 10003  
(212) 475-7800

N.R. Bachana, President

Total Employees: 40

Services: Proc

Private

**Data-Tax, Inc.**

710 East Ogden Ave., Suite 110  
Naperville, IL 60540  
(312) 369-2414

Richard Stvan, President

Services: ApplSW

Private

**Data-Tek Corp.**

1211 Chestnut Street, Suite 400  
Philadelphia, PA 19107  
(215) 564-4133

H. Gus Mechals, President

Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Datatel Inc.**

3700 Mount Vernon Ave.  
Alexandria, VA 22305  
(703) 549-4300

Tom Davidson, President

Total Revenue, FYE 12/86: (Est) \$ 9.0 m

Total Employees: 92

Services: ApplSW Tky

Private

**Data Ten, Inc.**

15560 Rockfield Blvd  
Suite C

Irvine, CA 92718

(714) 859-1529

Edward D. Allen, President

Total Revenue, FYE 10/88: (Est) \$ 2.5 m

Total Employees: 36

Services: Pfs Proc Network SysInt Tky

Public

**Data Times**

Please see Oklahoma Publishing Company

**DataTrak, Inc.**

1700 Sterlin Road  
Mountain View, CA

(415) 967-3911

Richard Jaenietee, President

Services: ApplSW

Private

**Data Translation, Inc.**

100 Locke Drive  
Marlboro, MA 01752

(617) 481-3700

Fred Molinari, President

Private

**Datatrol Corporation**

Please see Data Card

**Data-Tronics Corporation**

Please see Arkansas Best Corporation

**Data Works Corporation**

9685 Scranton Road  
Suite 100

San Diego, CA 92121

(619) 457-3070

Harold Kosakoff, President

Services: Pfs Proc ApplSW Tky

Private

**Datran Corporation**

319 Peck Strett  
New Haven, CT 06513

(203) 787-5801

Services: Pfs

Private

**Datronics, Inc.**

2962 Market Avenue, North  
Canton, OH 44714

(216) 455-5363

Erwin Kaplin, President

Services: Proc ApplSW

Private

**Datronic Systems, Inc.**

916 Goodwin Drive  
Plano, TX 75023

(214) 422-7711

Dan Tucker, President

Total Employees: 2

Services: ApplSW

Private

**Dattex, Inc.**

2411 Belmont Ave.

Youngstown, OH 44505

(216) 744-0131

John W. Henry, President

Total Employees: 10

Services: ApplSW

Private

**David Corporation**

Please see Nationwide Computer Services

**Davidson & Associates, Inc**

3135 Kashiwa Street  
Torrance, CA 90505

(213) 534-4070

Jan Davidson, President

Total Employees: 40

Services: ApplSW

Private

**Davis, Thomas and Associates**

8800 Highway 7, Suite 301  
Minneapolis, MN 55426

(612) 938-7669

A. Gordon Thomas, President

Services: Pfs ApplSW

Private

**DAVOX Corp.**

4 Federal Street  
Billerica, MA 01821

(617) 667-4455

Daniel Hosage

Total Revenue, FYE 09/88: (Est) \$ 25.0 m

Total Employees: 225

Services: Network

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Dawson Geophysical Co.**  
208 South Mariefeld Street  
Midland, TX 79701  
(915) 682-7356  
L. Decker Dawson, President  
Total Revenue, FYE 09/87: \$ 4.4 m  
Services: Proc  
Public

**Daybreak Technologies, Inc.**  
21213 B Hawthorne Blvd  
Suite 5629  
Torrance, CA 90509  
(213) 542-5888  
Gus Tsao, President  
Total Revenue, FYE 09/88: (Est) \$ 3.0 m  
Total Employees: 6  
Services: ApplSW SysSW  
Private

**Dayflo, Inc.**  
17701 Mitchell Avenue  
Irvine, CA 92714-6028  
(714) 474-1364  
Steve Magidson, President  
Services: ApplSW  
Private

**Day & Zimmerman**  
1818 Market Street  
Philadelphia, PA 19103  
(215) 299-8000  
Fred Brown, CEO  
Services: Pfs  
Private

**Subsidiaries/Divisions:**

**Cole-Layer-Trumble Company**  
3199 Klepinger Road  
Dayton, OH 45406  
(513) 276-5261  
Richard A. Burst, Chairman  
Total Revenue, FYE 12/87: (Est) \$ 21.0 m  
Total Employees: 800

**DBA Systems, Inc.**  
1200 South Woody Burks Blvd.  
Melbourne, FL 32901-1823  
(305) 725-3711  
Howard N. Hebert, President  
Total Employees: 752  
Services: ApplSW  
Public

**DBI Software Products**  
One Energy Place  
5805 E. Pickard Road  
Mt. Pleasant, MI 48858-2510  
(517) 772-5055  
Private

**DBMS, Inc.**  
600 Olympian Office Center  
4343 Commerce Court  
Lisle, IL 60540  
(312) 961-5700  
Andrew J. Filipowski, President  
Services: Pfs ApplSW  
Private

**DBSI Information Systems**  
25431 Cabot Road  
Suite 110  
Laguna Hills, CA 92653  
(714) 837-3744  
Tim Bunn, President  
Total Employees: 13  
Services: ApplSW  
Private

**Dealer Services Corporation**  
6 Executive Mall  
Wayne, PA 19087  
(215) 687-9100  
Nelson Bobb, President  
Total Employees: 10  
Services: Proc  
Private

**Decision Consultants Inc.**  
24901 Northwester  
Suite 502  
Southfield, MI 48075  
(313) 352-8650  
Jack Krasula, President  
Services: Pfs  
Private

**Decision Data Computer Corporation**  
Merged with Momentum Technology. Please see  
Decision Data Inc.

**Decision Data Inc.**  
400 Horsham Road  
Horsham, PA 19044-0996  
(215) 674-3300  
Private

**Subsidiaries/Divisions:**

**Decision Data Computer Corporation**  
1450 Fashion Island Blvd.  
San Mateo, CA 94404  
(415) 574-5424

**Decision Focus, Inc.**  
5 Palo Alto Square, Suite 410  
Palo Alto, CA 94303  
(415) 494-7721  
Dean W. Boyd, President  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Decision Graphics, Inc.**

555 Sparkman Drive  
Huntsville, AL 35816  
(205) 837-7710

Jim Pruitt, President

Total Revenue, FYE 12/88: (Est) \$ 2.5 m

Is Revenue: \$ 2.0 m

Total Employees: 10

Services: SysSW

Private

**Decision Point, Inc.**

1755 Westgate Drive  
Boise, ID 83704  
(208) 336-2281

Larry Chase, President

Total Employees: 2

Services: SysSW

Private

**Decisions Development, Inc.**

Name changed. Please see Don Holmes & Associates, Inc.

**Decision Strategy Corporation**

708 Third Avenue  
New York, NY 10017  
(212) 599-4700

David Saykally, President

Private

**DecisionWare, Inc.**

2033 Wood Street, Suite 218  
Sarasota, FL 33577  
(813) 952-9211

Services: ApplSW

Private

**Deeresoft, Inc.**

P.O. Box 1360  
Melbourne, FL 32902  
(305) 768-2477

Roy Deere, President

Total Employees: 6

Services: Network ApplSW SysSW Tky

Private

**De Faro Software Systems, Inc.**

725 5th St., Suite #4  
Hermosa Beach, CA 90254  
(213) 318-1661

Malcolm J. Pick, Executive Director

Services: Pfs ApplSW

Private

**Deijon, Inc.**

163 East Union Avenue  
East Rutherford, NJ 07073  
(201) 460-7575

Private

**Delair Data Systems**

2639 N. 33rd Avenue  
Phoenix, AZ 85009  
(602) 269-8373

W.E. Delair, President

Services: ApplSW

Private

**Deloitte, Haskins & Sells**

1 World Trade Center  
New York, NY 10048  
(212) 669-5000

Bill Stevens, President

Total Employees: 9,000

Services: Pfs

Private

**Delphi Information Sciences Corporation**

2800 28th Street  
Suite 205  
Santa Monica, CA 90405  
(213) 452-7575

Michael Hoffmann, President

Total Revenue, FYE 12/88: (Est) \$ 5.0 m

Is Revenue: \$ 3.2 m

Total Employees: 20

Private

**Delphi Information Systems, Inc.**

31416 West Agora Road  
Westlake Village, CA 91361-4672  
(818) 706-8989

Richard R. Janssen, President

Total Employees: 180

Services: Tky

Public

**Deltacom Incorporated**

1200 Bustleton Pike  
Feasterville, PA 19047

Private

**Deltak**

Acquired. Please see National Education Corporation

**Delta Technology International, Inc.**

1621 Westgate Road  
Eau Claire, WI 54703  
(715) 832-7575

James E. Anthony, President

Services: ApplSW

Private

**DELTEK Systems, Inc.**

8320 Old Courthouse Rd., Suite 405  
Vienna, VA 22180  
(703) 734-8606

Donald deLaski, President

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Deluxe Corporation**

1080 W. County Road F  
St. Paul, MN 55126-8201  
(612) 483-7111

Alan Brown

Total Employees: 10,277

Public

Subsidiaries/Divisions:

**A.O. Smith Data Systems, Inc.**

Private

**Deluxe Data Systems, Inc.**

8901 North Kildeer Court  
Brown Deer, WI 53209  
(414) 357-2700

Alan G. Brown, President

Total Employees: 440

**Deluxe Data Systems, Inc.**

Please see Deluxe Corporation

**Deneb Systems, Inc.**

201 Riverside Drive  
Suite 2C  
Dayton, OH 45405  
(513) 223-4849

Norm Suda, President

Total Revenue, FYE 06/88: (Est) \$ 1.0 m

Total Employees: 12

Services: ApplSW

Private

**Denver Processing Center**

Name changed. Please see Strata Search

**Design Access, Inc.**

1770 Union Street  
San Francisco, CA 94123  
(415) 885-3156

Bruce Ryon, President

Total Revenue, FYE 06/88: (Est) \$ 0.5 m

Total Employees: 5

Services: Pfs SysInt

Private

**Design and Programming Services, Inc.**

1701 East Woodfield Road #740  
Schaumburg, IL 60173  
(312) 240-1911

Larry Flora, President

Services: Pfs

Private

**Designed Applications**

P.O. Box 2335  
Columbia, MD 21046  
(301) 490-3121

D. Joseph Lazor, President

Services: ApplSW

Private

**Design Software, Inc.**

Please see DS Technologies, Inc.

**Design Strategy Corporation**

600 3rd Avenue  
New York, NY 10016  
(212) 370-0392

Marsh Newmark, CEO

Total Revenue, FYE 10/88: (Est) \$ 3.0 m

Total Employees: 10

Services: Pfs SysSW

Private

**DesignWare**

185 Berry Street  
San Francisco, CA 94107  
(415) 546-1866

James Schuyler, General Manager

Services: ApplSW

Private

**Desk Top Financial Solutions, Inc.**

407 Main Street  
Spotswood, NJ 08884  
(201) 251-7191

Paul A. Tava, President

Services: ApplSW

Public

**Development Systems International**

13107 Ventura Blvd., Suite 205  
Studio City, CA 91604  
(818) 788-4240

Norman H. Carter, President

Total Employees: 18

Services: Pfs SysInt

Private

**DGC, Inc.**

1450 Preston Forest Square  
Dallas, TX 75230  
(214) 991-4044

David Greenblatt, President

Private

**Dialcomm, Inc.**

Please see British Telecom

**DIALOG Information Services, Inc.**

Please see Knight-Ridder, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Dialogue, Inc.**

19 Rector Street, 35th Floor  
Newton, NY 10006  
(212) 425-2665

Arthur I. Stern, President  
Services: Pfs Proc ApplSW  
Private

**Diebold Group (The)**

475 Park Avenue South  
New York, NY 10016  
(212) 684-4700

John Diebold, Chairman  
Private

**Digicon Inc.**

3701 Kirby Drive  
Houston, TX 77098  
(713) 526-5611

Edward R. Prince, Jr., President  
Total Revenue, FYE 07/88: \$ 74.2 m  
Total Employees: 1,100  
Services: Proc Tky  
Public

**Digidat Systems, Inc.**

7 West Heshel Plaza  
Elmsford, NY 10523  
(914) 592-5334

Stephen Tomback, President  
Services: Proc  
Private

**Digigraphic Systems Corporation**

7277 Flying Cloud Drive  
Eden Prairie, MN 55344-1952  
(612) 944-6383

Donald E. Roepke, President  
Public

**DIGINETICS, Inc.**

7500 Jefferson St., N.E., Courtyard 1  
Albuquerque, NM 87109  
(505) 823-1234

Mr. Dana Wood, President  
Total Revenue, FYE 12/86: \$ 2.0 m  
Total Employees: 25  
Services: Tky  
Private

**Digital Communications Associates**

1000 Holcomb Woods Parkway  
Suite 440  
Roswell, GA 30076  
(404) 998-3998

Subsidiaries/Divisions:

**Fox Research, Inc.**

7016 Corporate Way  
Dayton, OH 45459  
(513) 433-2238

Greg Goodall, President  
Total Revenue, FYE 06/88: (Est) \$ 12.0 m  
Total Employees: 100  
Services: SysSW

**Digital Design & Development, Inc.**

P.O. Box 225  
Walpole, MA 02081  
(617) 784-2072

Stanley F. Zamkow, President  
Total Employees: 3  
Services: Pfs Tky  
Private

**Digital Equipment Corp.**

146 Main St.  
Maynard, MA 01754  
(617) 897-5111

Kenneth H. Olsen  
Services: Pfs Proc ApplSW SysSW SysInt  
Public

**Digital Information Systems Corporation**

11070 White Rock Road, #210  
Ranch Cordova, CA 95670-6001  
(916) 638-8355

Jim Blackburn, President  
Private

**Digital Insurance Systems Corp.**

1560 Fishinger Road  
Columbus, OH 43221  
(614) 457-8336

Donald Demers  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
Total Employees: 25  
Services: ApplSW  
Private

**Digital Learning Systems, Inc.**

4 Century Drive  
Parsippany, NJ 07054  
(201) 538-6640

Robert Stoebber, President  
Total Employees: 15  
Services: ApplSW SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Digital Management Group, Ltd.**

4711 Yonge Street  
Suite 600  
North York M2N 6G5  
Ontario  
Canada  
(416) 225-7788

John Dightam, President

Total Revenue, FYE 05/88: (Est) \$ 2.5 m

Total Employees: 25

Services: Pfs Network ApplSW SysSW

Private

**Digital Microsystems**

80 Swan Way, #225  
Oakland, CA 94621-1426  
(415) 638-2223

John Torode, President

Private

**Digital Planners, Inc.**

4400 MacArthur Blvd.  
Suite 800  
Newport Beach, CA 92660  
(714) 476-1020

John C. Mayther, President

Total Employees: 19

Services: ApplSW

Private

**Digital Release**

1201-A Solano Avenue  
Albany, CA 94706  
(415) 525-3015

Private

**Digital Research, Inc.**

70 Garden Court  
Monterey, CA 93942  
(408) 649-3896

R.H. Williams, President

Total Employees: 230

Services: ApplSW SysSW

Private

**Digital Solutions, Inc.-Software Division**

1122 9th Street  
Altoona, PA 16601  
(814) 944-0405

Anthony Dambocci

Total Employees: 21

Services: ApplSW

Private

**Digital Systems, Inc.**

Please see Philadelphia Suburban Corp.

**Digital Video Systems**

809 Wellington Street N  
Kitchner N2G 4J6  
Ontario  
Canada  
(519) 744-7111

Private

**Dimis, Inc.**

1806 Highway 35  
Ocean, NJ 07712  
(201) 531-2300

Bentley J. Cooper, President

Total Revenue, FYE 12/86: (Est) \$ 1.2 m

Total Employees: 40

Services: Tky

Public

**Direct Aid**

P.O. Box 4420  
Boulder, CO 80306  
(303) 442-8080

Edgar Bright III, CEO

Services: ApplSW

Private

**DirecTech, Inc.**

Suite 200  
Rockville, MD 20852  
(301) 881-0664

Thomas Martin, President

Total Employees: 45

Services: Proc

Private

**DISC, Inc.**

1314 Bedford Avenue  
Baltimore, MD 21208  
(301) 486-0410

Albert M. Harris, President

Total Employees: 110

Services: ApplSW

Public

**Disclosure**

5161 River Road  
Bethesda, MD 20816  
(301) 951-1300

Steve Goldspeil, President

Total Employees: 300

Services: Pfs

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**DIS Corporation**

288 W. Kellogg Road  
Beellingham, WA 98226  
(206) 733-7610

Sheila Mickool

Total Revenue, FYE 03/89: (Est) \$ 15.0 m

Total Employees: 150

Services: Tky

Private

**Dispensa-Matic**

1335 Convention Plaza  
St. Louis, MO 63103  
(800) 325-7303

Private

**Distek**

Subsidiaries/Divisions:

**Soft Core International, Inc.**

229 Huber Village Blvd.  
Westerville, OH 43081  
(614) 267-3109

Jeff Coopersmith, President

Services: Pfs ApplSW

**Distributed Planning Systems Corporation**

23632 Calabasas Road  
Suite 107  
Calabasas, CA 91302  
(818) 992-4447

Bruce Gall, President

Total Employees: 19

Services: ApplSW

Private

**Distribution Architects International, Inc.**

6101 S. Rural Rd. #101  
Tempe, AZ 85283  
(602) 897-9576

Frank Roberts

Services: ApplSW

Private

**Distribution Management Systems, Inc.**

Please see Cullinet Software, Inc.

**Distribution Sciences, Inc.**

1700 Higgins Road  
Des Plaines, IL 60018  
(312) 699-6620

Steve R. Smith

Total Employees: 25

Services: Pfs Proc ApplSW

Private

**Diversified Data Systems, Inc.**

2601 N. Fairview Avenue  
Tucson, AZ 85705  
(602) 792-3250

Don Wyatt, President

Services: Pfs ApplSW

Private

**DLM Teaching Resources**

One Dlm Park  
Allen, TX 75002  
(214) 248-6300

Private

**DMR & Associates Ltd.**

1200 Miguel College Ave.  
Suite 700  
Montreal H3B4G  
Quebec  
Canada  
(514) 866-3301

Pierre Ducros, President

Total Employees: 1,500

Services: Pfs

Private

**DMW Commercial Systems**

2020 Hogback Road  
Ann Arbor, MI 48104  
(313) 971-5234

Robert A. Schultz, President

Total Employees: 63

Services: Pfs ApplSW

Private

**DNS Associates, Inc.**

1 Militia Drive  
Lexington, MA 02173  
(617) 862-8569

Hugh W. Stewart, President

Total Revenue, FYE 08/88: \$ 2.0 m

Is Revenue: \$ 1.2 m

Total Employees: 10

Services: Pfs Proc ApplSW

Private

**Don Holmes & Associates, Inc**

P.O. Box 315  
Tobyhanna, PA 18466  
(717) 894-4111

Donald C. Holmes, President

Total Employees: 2

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Dorsett Educational Systems, Inc.**

P.O. Box 1226  
Norman, OK 73070  
(405) 288-2301

Loyd Dorsett, President

Total Employees: 6

Services: ApplSW

Public

**Double Gold Software**

4010 Moor Park Avenue, Suite 207

San Jose, CA 95117

(408) 554-9135

Private

**Dow Jones & Company, Inc.**

200 Liberty Street

World Financial Center

New York, NY 10281

(212) 416-2000

Warren H. Phillips, President

Services: Network ApplSW

Public

Subsidiaries/Divisions:

**Dow Jones News/Retrieval**

P.O. Box 300

Princeton, NJ 08543

(609) 452-1511

Carl Valenti, President

Total Employees: 350

Services: Network

**Dow Jones News/Retrieval**

Please see Dow Jones & Company, Inc.

**DPC Corporations**

7115 Leesburgh Pike

Falls Church, VA 22046

(703) 532-1775

John Waughan, President

Total Employees: 20

Services: Proc

Private

**Dragon Systems, Inc.**

90 Bridge Street

Newton, MA 02158

(617) 905-5200

James Baker, President

Private

**DSD Corporation**

10632 N.E. 37th Circle

P.O. Box 2669

Kirkland, WA 98083

(206) 822-2252

Theresa Christianson, President

Services: ApplSW

Private

**DSI Data Spectrum**

1191 Morris Avenue

Union, NJ 07083

(201) 686-4015

James W. Silk, President

Services: Pfs ApplSW

Private

**DSL, Inc.**

1 2nd Street

San Francisco, CA 94105

(415) 543-4260

Michael Rubinstein, President

Total Revenue, FYE 12/87: \$ 20.0 m

Total Employees: 72

Services: ApplSW Tky

Private

**D & S Systems, Inc.**

2875 Whitten Road

P.O. Box 341045

Memphis, TN 38134

(901) 382-3920

R. Frank Sylves, President

Services: Pfs Proc ApplSW Tky

Private

**DS Technologies, Inc.**

Private

Subsidiaries/Divisions:

**Design Software, Inc.**

1275 W. Roosevelt Road

West Chicago, IL 60185

(312) 231-4540

Gordon Landies, President

Total Revenue, FYE 12/88: (Est) \$ 3.0 m

Total Employees: 30

Services: SysSW

**DST Systems, Inc.**

1004 Baltimore

Kansas City, MO 64105

(816) 435-6535

Thomas McDonnell, President

Total Employees: 1,800

Services: Proc

Public

**DTSS Incorporated**

Please see Metropolitan Life Insurance Company

**Dublin Group (The)**

Subsidiaries/Divisions:



**CAMS 1988**  
**Directory of Information Services Companies**

**Training Company (The)**

657 Mission Street, Suite 500  
San Francisco, CA 94105  
(415) 986-1121

Lance Dublin, President

Services: Pfs Proc ApplSW

**Ducommun Electronics Group**

10824 Hope Street  
Cypress, CA 90630  
(800) 338-8811

Private

**Dun & Bradstreet Corporation (The)**

299 Park Avenue  
New York, NY 10171  
(212) 593-6800

Charles W. Moritz

Services: Proc Network ApplSW SysSW  
Public

Subsidiaries/Divisions:

**A.C. Nielsen Company**

Nielsen Plaza  
Northbrook, IL 60062  
(312) 498-6300

N. Eugene Harden, President

**Erisco, Inc.**

1700 Broadway Avenue  
New York, NY 10019  
(212) 765-8500

Thomas A. Barrea, Chairman

Total Revenue, FYE 12/86: \$ 22.0 m

Is Revenue: \$ 20.9 m

Total Employees: 300

Services: Proc ApplSW

**Focus Research Systems, Inc.**

342 N. Main St.  
W. Hartford, CT 06117  
(203) 561-1047

Gerald C. Chichester, Chairman

Services: Pfs

**Interactive Data Corporation**

95 Hayden Ave.  
Lexington, MA 02173-9144  
(617) 863-8100

John Rutherford, Jr., President

Total Employees: 750

Services: Network ApplSW

**McCormack & Dodge Corporation**

1225 Worcester Rd.  
Natick, MA 01760  
(617) 655-8200

Frank H. Dodge, President

Total Employees: 1,100

Services: ApplSW

**Metromail Corporation**

901 West Bond Street  
Lincoln, NE 68521-3694  
(402) 475-4591

Reginald C. Troncone, Chairman

Total Employees: 830

Services: Network

**Neodata Services**

833 West South Boulder Road  
Louisville, CO 80027  
(303) 666-7000

Kurt J. Burghardt, President

Services: Proc

**Petroleum Information Corporation**

P.O. Box 2612  
Denver, CO 80201  
(303) 740-7100

Robert G. Harsten, President

Total Employees: 1,300

Services: Pfs Network

Private

**Zytron Corporation**

2200 Sand Hill Road  
Menlo Park, CA 95025  
(415) 854-2306

Richard P. Hoberg, President

Total Employees: 750

Services: Proc

**DuPont Design Technologies, Inc.**

Please see E.I. duPont de Nemours and Company

**Duquesne Systems, Inc.**

Two Allegheny Center  
Pittsburgh, PA 15212  
(412) 323-2600

Glen F. Chatfield, President

Total Employees: 300

Services: SysSW

Public

**DVC Industries, Inc.**

1440 Fifth Avenue  
Bay Shore, NY 11706  
(516) 968-8500

Private

**DIATRON Corporation**

210 Automation Way  
P.O. Box 235  
Birmingham, AL 35201  
(205) 956-7500

Charles E. Rueve, President

Total Employees: 430

Services: Pfs Proc ApplSW SysInt

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Dyer, Wells and Associates, Inc.**

2251 Lake Park Dr.  
Smyrna, GA 30080  
(404) 432-5888

Phillip H. Fauver, President

Total Employees: 135

Services: ApplSW

Private

**Dylakor**

Please see Sterling Software, Inc.

**Dynacomp, Inc.**

1064 Gravel Road  
Webster, NY 14580  
(716) 671-6160

Alph Ruckduscho, President

Services: ApplSW

Private

**Dyna, Inc.**

**Subsidiaries/Divisions:**

**Cellular Pay Phone, Inc.**

234 West Willow Street  
Chicago, IL 60614  
(312) 664-2100

Martin Cooper, Chairman

Total Revenue, FYE 12/86: (Est) \$ 0.3 m

Total Employees: 6

**Subscriber Computing, Inc.**

17151 Newhope St., Suite 210  
Fountain Valley, CA 92708  
(714) 662-5876

Martin Cooper, Chairman

Total Employees: 8

Services: ApplSW Tky

**Dynamic Control Corporation**

Please see Baxter Healthcare Corporation

**Dynamic Information Systems Corporation**

910 15th Street  
Suite 640  
Denver, CO 80202  
(303) 893-0335

Mark Trasko, President

Total Revenue, FYE 06/88: (Est) \$ 5.0 m

Total Employees: 50

Services: SysSW

Private

**Dynamic Interface Systems Corporation**

5456 McConnell Avenue  
Suite 260  
Los Angeles, CA 90066  
(213) 305-9995

Eric J. Christeson, President

Total Revenue, FYE 06/88: (Est) \$ 1.0 m

Total Employees: 8

Services: ApplSW

Private

**Dynamic Microprocessor Associates, Inc.**

545 5th Avenue, Suite 1103  
New York, NY 10017  
(212) 687-7115

Lee Roth, President

Services: ApplSW

Private

**Dynamics Research Corporation**

60 Concord Street  
Wilmington, MA 01887  
(617) 658-6100

Albert Rand, President

Services: Pfs

Public

**Dynamic Time Systems, Inc.**

150 W. 1230 North, Suite 2  
Provo, UT 84604  
(801) 377-9154

W. Richard Horton, President

Services: Tky

Private

**Dynaware**

1309-114th S.E., Suite 316  
Bellevue, WA 98004  
(206) 451-3000

Services: ApplSW

Private

**Dynax Resources, Inc.**

2 Jericho Plaza, 2nd Floor  
Jericho, NY 11753  
(516) 484-1144

Elaine Schnee, President

Total Revenue, FYE 12/86: \$ 2.5 m

Total Employees: 25

Services: Pfs

Private

**Dytronix Corp.**

11910 Greenville Avenue  
Box 742228  
Dallas, TX 75374  
(214) 699-9863

John Meagher Jr., CEO

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**DYX Corporation**  
P.O. Box 74228  
Dallas, TX 75374  
(214) 699-9863  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Eagle Software, Inc.**

P.O. Box 16  
Salina, KS 67402  
(913) 823-7257

Private

**Eagle Software Publishing, Inc.**

993 Old Eagle School Road, Suite 405  
Wayne, PA 19087  
(215) 964-8660

Private

**Early, Cloud & Company**

Aquidneck Industrial Park  
New Port, RI 02840  
(401) 849-0500

Private

**Eastern Design Co., Inc.**

30 Glenn Street  
White Plains, NY 10603  
(914) 948-7600

Kurt Hurst, CEO

Services: Pfs

Private

**Eastern Software Products, Inc.**

P. O. Box 15328  
Alexandria, VA 2209  
(703) 360-7600

Edward S. Pearsall, President

Private

**Eastern States Bankcard Associates**

Acquired. Please see First Data Resources, Inc.

**Eastman Kodak**

Public

Subsidiaries/Divisions:

**Interactive Systems Corporation**

5500 S. Sycamore Street  
Littleton, CO 80120  
(303) 797-2400

John Slack, President

Services: Pfs ApplSW

**Eaton Corporation**

Public

Subsidiaries/Divisions:

**Pacific-Sierra Research Corporation**

12340 Santa Monica Blvd.  
Los Angeles, CA 90025  
(213) 820-2200

**ECAD, Inc.**

Merged with Cadence Design Systems, Inc.

**ECC International Corp.**

175 Strafford Ave.  
Wayne, PA 19087  
(215) 687-2600

Richard F. Thompson, Vice President Finance

Total Employees: 730

Services: Tky

Public

**ECOM Systems, Inc.**

2500 Mount Morial Road, Suite 245  
Memphis, TN 38115  
(901) 794-5501

Mr. Bewayne Bolton, President

Services: ApplSW

Private

**Economica, Inc.**

2067 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 661-3260

A. Blackburn, President

Total Employees: 30

Services: ApplSW

Private

**Economic Science Corporation**

2150 Shattuck Avenue  
Berkeley, CA 94704  
(415) 841-6869

Bill Roberts, President

Services: Pfs ApplSW

Private

**Edgewood Systems**

213 Elm Street  
Pittsburgh, PA 15218  
(412) 371-9951

Services: Pfs ApplSW

Private

**EDI, Inc.**

19630 Clubhouse Road  
Gaithersburg, MD 20879  
(301) 670-0811

Ralph Motto, President

Services: Tky

Private

**EDP Systems, Inc.**

720 E. Park Boulevard  
Plano, TX 75074  
(214) 881-8454

Ted Johnston, President

Services: Pfs ApplSW

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**EDS Corporation**

7171 Forest Lane  
Dallas, TX 75230  
(214) 661-6000

Lester M. Alberthal, Jr., President  
Total Revenue, FYE 12/86: \$ 4,300.0 m  
Total Employees: 46,000  
Services: Pfs Proc ApplSW SysInt Tky  
Private

**EECO Computer Inc.**

Please see EECO, Incorporated

**EECO, Incorporated**

1601 E. Chestnut Ave.  
P.O. Box 659  
Santa Ana, CA 92702-0659  
(714) 835-6000

Robert Milo  
Services: Tky  
Private

**Subsidiaries/Divisions:**

**EECO Computer Inc.**

14141 East Chestnut Avenue  
Santa Ana, CA 92702-0659  
(714) 835-6000

Carl Jeremias, President  
Services: Tky

**Effective Management Systems**

12000 W. Park Place  
Milwaukee, WI 53224  
(414) 359-9800

Robert E. Weisenberg, CEO  
Total Revenue, FYE 12/88: (Est) \$ 7.0 m  
Total Employees: 110  
Services: Pfs Proc Network ApplSW SysSW Tky  
Private

**E.F. Paynter and Associates**

6140 N. College Avenue  
Indianapolis, IN 46220  
(317) 872-8799

Edwin F. Caynter, President  
Total Employees: 5  
Services: ApplSW SysSW  
Private

**EGT, Inc.**

11011 Richmond, Suite 700  
Houston, TX 77042  
(713) 266-0000

Services: Pfs ApplSW Tky  
Private

**E.I. duPont de Nemours and Company**

**Subsidiaries/Divisions:**

**DuPont Design Technologies, Inc.**

3100 Patrick Henry Drive  
Santa Clara, CA 95054  
(408) 980-8009

Chuck Thompson, President  
Total Employees: 90  
Services: Tky

**E.I. International**

One Energy Drive  
Idaho Falls, ID 83401  
(208) 529-1000

Craig Christesen, President  
Total Employees: 250  
Services: Pfs ApplSW SysSW  
Private

**EKI Incorporated**

**Subsidiaries/Divisions:**

**Audittech Computing Services**

145 Weldon Parkway  
Suite 115  
St. Louis, MO 63043  
(314) 993-5904

**J. McMillan**

Total Revenue, FYE 11/87: (Est) \$ 2.5 m  
Total Employees: 40  
Services: Pfs Proc ApplSW

**ELCOMP Systems, Inc.**

661 Anderson Drive  
Foster Plaza VII  
Pittsburgh, PA 15220  
(412) 937-0690

**Ami Elis, President**

Total Revenue, FYE 07/88: (Est) \$ 2.5 m  
Total Employees: 45  
Services: Tky  
Private

**Electrocon International, Inc.**

611 Church St.  
Ann Arbor, MI 48104  
(313) 761-8612

Dr. Mark Ends  
Services: ApplSW  
Private

**Electronic Banking Systems**

Acquired. Please see MTECH

**Electronic Business**

221 Columbus Avenue  
Boston, MA 02116  
(617) 536-7780

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Electronic Catalog, Inc.**

317 E. San Rafael  
Colorado Springs, CO 80903  
(303) 577-4050

Warren Frush, President  
Services: Proc  
Private

**Electronic Data Systems Corporation**

Please see EDS Corporation

**Electronic Processors, Limited (EPL)**

Please see American First Credit Union

**Electronics Arts**

1820 Gateway Drive  
San Mateo, CA 94404  
(415) 571-7171  
William Hawkins, President  
Total Employees: 240  
Services: ApplSW  
Private

**Elite Data Processing**

5757 Wilshire  
Los Angeles, CA 90036  
(213) 937-5060  
Alan Rich, President  
Services: ApplSW Tky  
Private

**Elke Corporation**

15301 Highway 55, West  
Plymouth, MN 55447  
(612) 559-9394

Robert Nelson, President  
Total Employees: 37  
Services: ApplSW  
Private

**EMA Technologies**

480 Cedar Street, Hanover Building  
St. Paul, MN 55101  
(612) 298-1992

Alan W. Manning, President  
Total Revenue, FYE 12/86: \$ 8.3 m  
Total Employees: 105  
Services: Pfs ApplSW  
Private

**Emerging Technology Consultants, Inc.**

4760 Walnut Street  
Boulder, CO 80301  
(303) 447-9495

Ivan Perez-Mendez, President  
Services: ApplSW  
Private

**Emhart Corporation**

Subsidiaries/Divisions:

**Advanced Technology, Inc.**

12001 Sunrise Valley Drive  
Reston, VA 22091  
(703) 620-8000

Robert E. LaRose, President  
Total Revenue, FYE 12/87: (Est) \$ 20.0 m  
Is Revenue: \$ 6.0 m  
Total Employees: 2,300  
Services: Pfs Network SysSW SysInt Tky

**Planning Research Corp.**

1500 Planning Research Dr.  
McLean, VA 22102  
(703) 556-1000  
John Toups, President  
Total Employees: 6,000  
Services: Pfs Proc Network Tky

**Endata, Inc.**

Acquired. Please see First Financial Management Corporation

**Enercom, Inc.**

Please see Equifax, Inc.

**Enertronics Research, Inc.**

1910 Pine Street  
St. Louis, MO 63103  
(314) 421-2721  
Steve Andes, President  
Total Employees: 33  
Services: ApplSW  
Private

**Engler Vehicle Management Systems**

Please see Colt Industries

**Enigma Logic**

2151 Salvio Street, Suite 301  
Concord, CA 94520  
(415) 827-5707

John R. Muir, President  
Total Employees: 21  
Services: SysSW SysInt  
Private

**Entertronics Research, Inc.**

15 Station Plaza  
1910 Pine Street  
St. Louis, MO 63103  
(314) 421-2771  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Environmental Systems Research Institute**

380 New York Street  
Redlands, CA 92373  
(714) 793-2853

Jack Dangermond, President  
Total Employees: 250  
Services: Pfs ApplSW Tky  
Private

**Environmental Treatment & Technologies Corp.**

16406 U.S. Route 224 East  
P.O. Box 551  
Findlay, OH 45839-0551  
(419) 423-3526

Public

**Envoy Corporation**

565 Marriott Drive  
Highland Ridge Office Center  
Nashville, TN 37210  
(615) 885-3700

Fred C. Goad, President  
Services: Proc  
Private

**Envoy Systems Corporation**

1432 Main Street  
Waltham, MA 02154  
(617) 890-1444

Kermit L. Stofer, President  
Total Revenue, FYE 12/86: (Est) \$ 1.0 m  
Total Employees: 20  
Services: Tky  
Private

**E.P.G. America Inc.**

130 William St.  
New York City, NY 10038  
(212) 406-1720

Private

**Epic Systems**

5609 Medical Circle  
Madison, WI 53719  
(608) 271-9000

Judith Faulkner, President  
Total Employees: 34  
Services: ApplSW  
Private

**Epsilon Data Management, Inc.**

50 Cambridge St.  
Burlington, MA 01803  
(617) 273-0250

Thomas O. Jones, President  
Total Employees: 600  
Services: Proc  
Public

Subsidiaries/Divisions:

**Master Software Corporation**

8604 Allisonville Road #309  
Indianapolis, IN 46250  
(317) 842-7020

Eugen P. Schulstad, President  
Total Employees: 36  
Services: ApplSW Tky

**Equatorial Communications**

Merged with Contel AS

**Equifax, Inc.**

P.O. Box 4081  
Atlanta, GA 30302  
(404) 885-8000

J.V. White

Total Employees: 10,667  
Services: Pfs Network ApplSW  
Public

Subsidiaries/Divisions:

**Enercom, Inc.**

6115 South Kyrene Road  
Tempe, AZ 85283  
(607) 831-7779

R.L. Boscamp, President

Total Employees: 600  
Services: ApplSW Tky

**Equifax Services Inc.**

1600 Peachtree Street, N.W.  
Atlanta, GA 30302  
(404) 885-8000

D.F. Walsh, President

**Equifax Services Inc.**

Please see Equifax, Inc.

**ERC International, Inc.**

2070 Chain Bridge Road, Suite 400  
Vienna, VA 22180  
(703) 246-0200

Jack Aalseth, President

Services: Pfs ApplSW  
Public

Subsidiaries/Divisions:

**InterCAD Corporation**

2525 Riva Road  
Annapolis, MD 21401  
(301) 261-8530

Charles O. Heller, President  
Services: Tky  
Public

**ERCO**

Please see Anacomp, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Erdman, Anthony and Associates, Inc.**

259 Monroe Ave.  
P.O. Box 35989  
Rochester, NY 14607  
(716) 325-1866

Alan Blake, President  
Total Employees: 155  
Services: Pfs  
Private

**Eric Software Publishing**

1713 Tulane, Suite 107  
Fresno, CA 93721  
(209) 237-0989

Private

**Erisco, Inc.**

Please see Dun & Bradstreet Corporation (The)

**Ernst & Whinney**

2000 National City Center  
Cleveland, OH 44114  
(216) 861-5000

Ray Groves, Chairman  
Total Employees: 1,000  
Services: Pfs ApplSW Tky  
Private

**Erwin Software Company**

400 Sherburn Road, Suite 439  
Louisville, KY 40207  
(502) 895-5346

Donald C. Erwin, President  
Total Employees: 6  
Services: Proc ApplSW  
Private

**Escom, Inc.**

10502 N.E. 37th Circle  
Kirkland, WA 98033-7920  
(206) 828-0995

**Mr. Terry Liggett, President**

Total Employees: 22  
Services: Pfs Proc ApplSW SysInt Tky  
Private

**Essex Corporation**

333 North Fairfax  
Alexandria, VA 22314  
(703) 548-4500

Total Revenue, FYE 12/86: \$ 22.9 m  
Services: Pfs  
Public

**Evaluation & Planning Systems, Inc.**

Acquired. Please see Thorn EMI Computer Software

**Evans, Griffiths & Hart, Inc.**

55 Waltham Street  
Lexington, MA 02173  
(617) 861-0670

Dr. Thomas G. Evans, President  
Private

**Evans Newton, Inc.**

P.O. Box 4818  
Scottsdale, AZ 85260  
(602) 998-2777

Frank Evans, President  
Services: Proc Network ApplSW SysSW  
Private

**Evans & Sutherland Computer Corp.**

580 Arapsee Dr.  
Salt Lake City, UT 84108  
(801) 582-5847

David C. Evans, President  
Total Employees: 1,350  
Services: ApplSW Tky  
Public

**Evergreen Consulting, Inc.**

200 N. Maryland, Suite 301  
Glendale, CA 91206  
(818) 214-8894

Ivan Jellinek, President  
Total Employees: 5  
Services: Pfs  
Private

**Evolution Computing**

437 South 48th Street, Suite 106  
Tempe, AZ 85281  
(602) 967-8633

Mike Riddle, President  
Services: ApplSW  
Private

**EWDP Software, Inc.**

P.O. Box 40283  
Indianapolis, IN  
(317) 872-8799

Services: ApplSW  
Private

**Exact Systems & Programming Corporation**

P.O. Box 115  
Thornwood, NY 10594-0115  
(914) 285-9444

Mr. Oswald, President  
Services: ApplSW  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Excalibur Sources, Inc.**  
131 Village Parkway, Building 4  
Atlanta, GA 30067  
(404) 956-8373  
George Welborn, President  
Total Employees: 20  
Services: SysSW  
Private

**Excalibur Systems, Inc.**  
1512 East Katella Avenue  
Anaheim, CA 92805  
(714) 385-1211  
Edward W. Kirchner, President  
Services: ApplSW  
Private

**Excelan**  
2180 Fortune Drive  
San Jose, CA 95131  
(408) 434-2300  
Kenwel Rekhi  
Services: Network  
Public

**Exchange Data, Inc.**  
75 S. 5th Street, Suite M  
Minneapolis, MN 55402  
(612) 332-2101  
Jim Ulliyot  
Total Employees: 7  
Private

**Execucomp, Inc.**  
11711 North Meridian St., Suite 730  
Carmel, IN 46032  
(317) 573-2999  
Michael Sidebottom, President  
Total Employees: 9  
Services: Pfs Tky  
Private

**Execucom Systems Corporation**  
Please see Travelers Corporation (The)

**Execu-Flow Systems, Inc.**  
2013 Morris Avenue  
Union, NJ 07083  
(201) 851-0750  
Michael J. Custode, President  
Services: Pfs Proc ApplSW Tky  
Private

**Executive Automated Systems**  
1919 Veterans Memorial Blvd., Suite 106  
Kenner, LA 70062  
(504) 469-9977  
Stephen Green  
Total Employees: 40  
Services: Pfs  
Private

**Executive Data Systems**  
P.O. Box 45049  
Houston, TX 77245  
(713) 437-8913  
Warren Kingsbury  
Total Employees: 5  
Services: ApplSW  
Private

**Executive Data Systems, Inc.**  
1845 The Exchange  
Atlanta, GA 30339  
(404) 955-3374  
Services: ApplSW  
Private

**Executive Software, Inc.**  
2219 Broad View  
Glendale, CA 91208-9161  
(818) 249-4707  
Craig Jensen  
Total Revenue, FYE 01/88: (Est) \$ 2.5 m  
Total Employees: 32  
Services: SysSW  
Private

**Executive Solution Systems, Inc.**  
25231 Paseo De Alicia, Suite 105  
Laguna Hills, CA 92653  
(714) 770-5142  
Robert Allen Smith, President  
Services: Pfs ApplSW  
Private

**Executive Systems, Inc.**  
4833 Rugby Avenue  
Bethesda, MD 20014  
(301) 656-1001  
Donald C. Weymer, President  
Private

**Executive Technology Data Systems**  
34405 Twelve Mile Road  
Suite 200  
Farmington Hills, MI 48018  
(313) 553-6665  
Bill Marker, President  
Total Revenue, FYE 09/88: (Est) \$ 2.5 m  
Total Employees: 20  
Services: Pfs ApplSW  
Private

**Exeter Software, Ltd.**  
300 Willow Street  
North Andover, MA 01845  
(617) 975-3340  
James Cormier, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Experience In Software**

2039 Shattuck Avenue, Suite 401  
Berkeley, CA 94704  
(415) 644-0694

Total Employees: 5

Services: ApplSW

Private

**Expertelligence, Inc.**

559 San Ysidro Road  
Santa Barbara, CA 93108  
(805) 969-7874

Dennison Bollay, President

Total Employees: 24

Services: ApplSW

Public

**Expert Software Products**

100 Taverly Drive  
Williamsville, NY 14221  
(716) 688-5403

John Kassah, President

Services: ApplSW

Private

**Expert Systems, Inc.**

868 West End Avenue, Suite 3A  
New York, NY 10025  
(212) 662-7206

Private

**Expert Systems International**

1700 Walnut Street  
Philadelphia, PA 19103  
(215) 735-8510

Angelos T. KoloKouris, CEO

Total Revenue, FYE 07/88: (Est) \$ 5.0 m

Total Employees: 18

Services: Pfs SysSW

Private

**Expertware, Inc.**

3235 Kiter St., Suite 220  
Santa Clara, CA 95051-0804  
(408) 746-0706

Dale Darney, President

Total Employees: 21

Services: Pfs ApplSW

Private

**Exsys, Inc.**

405 Lexington Ave. 39th Floor  
New York, NY 10174  
(212) 983-4646

Jack Lee, President

Services: Pfs

Private

**Exter Software, Ltd.**

160 Turnpike Road  
Chelmsford, MA 01824  
(617) 250-1274

Services: ApplSW

Private

**EXTRANET**

3 Northway  
Bronxville, NY 10708  
(212) 265-6282

Albert Crane, President

Services: Network

Private

**EZ-Logic, Inc.**

315 South El Monte  
Los Altos, CA 94022  
(415) 949-2834

Larry Toelle, President

Total Revenue, FYE 04/88: (Est) \$ 3.0 m

Total Employees: 5

Private

**EZWare Corporation**

29 Bala Avenue  
P.O. Box 620  
Bala Cynwyd, PA 19004  
(215) 667-4064

Rob Gerritsen, President

Total Revenue, FYE 12/87: (Est) \$ 0.5 m

Is Revenue: \$ 0.2 m

Total Employees: 9

Services: Pfs ApplSW SysSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Factorial Systems, Inc.**

3305 Northland Drive, Suite 305  
Austin, TX 78731-4940  
(512) 467-4940

Bill Balczak, President

Total Revenue, FYE 12/86: (Est) \$ 1.5 m

Is Revenue: \$ 1.4 m

Total Employees: 24

Services: Pfs ApplSW

Private

**Facts & Management Systems, Inc.**

7220 N.W. 36th Street, Suite 634  
Miami, FL 33156  
(305) 592-2898

H. Hamby Hutcheson, President

Services: Pfs Proc ApplSW Tky

Private

**Falcon Data, Inc.**

5272 River Road  
Bethesda, MD 20816  
(301) 961-2000

IS Revenue (US only), FYE 12/87: \$ 41.0 m

Total Employees: 200

Services: Pfs SysInt Tky

Private

**Fame Software Corporation**

641 Lexington Avenue  
7th Floor  
New York, NY 10043  
(212) 303-0238

Ashok Bhatia, President

Total Employees: 35

Services: Pfs ApplSW

**Fannie Mae Software**

3139 Campus Drive  
Norcross, GA 30071  
(404) 446-2533

Private

**Fargo Electronic Services, Inc.**

7150 Shady Oak Road  
Eden Prairie, MN 55344  
(612) 941-9470

Robert Cummins, President

Services: Pfs Proc ApplSW

Private

**Far West Systems, Inc.**

2011 Westgate Ave.  
Los Angeles, CA 90025  
(213) 207-2936

Irwin Mainster, President

Services: Proc ApplSW

Private

**Fast Set Data Systems, Inc.**

90 Park Avenue  
New York, NY 10016  
(212) 972-7300

Howard E. Wille, President

Total Revenue, FYE 08/88: (Est) \$ 7.0 m

Is Revenue: \$ 7.0 m

Total Employees: 22

Services: Network

Private

**Fastware, Inc.**

200 Freeway Drive, East  
East Orange, NJ 07018  
(201) 676-7963

Private

**Faxon Company, Inc. (The)**

15 SW Park  
Westwood, MA 02090  
(617) 329-3350

Richard R. Rowe, President

Total Revenue, FYE 03/88: (Est) \$ 350.0 m

Is Revenue: \$ 350.0 m

Total Employees: 700

Services: Proc

Private

**FBC, Inc.**

Please see Mechanics & Farmer

**FBS Information Services**

Please see First Bank System, Inc.

**FDP Corporation**

2140 South Dixie Highway  
Miami, FL 33133  
(305) 858-8200

Michael C. Goldberg, President

IS Revenue (US only), FYE 11/87: \$ 15.0 m

Total Employees: 180

Services: Pfs ApplSW SysSW

Public

**Ferrin Corporation**

Spear Street Tower  
One Market Plaza  
San Francisco, CA 94105  
(415) 495-8600

Bill Guerin, President

Services: Pfs SysInt

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Fibronics International, Inc.**

Communications Way  
Independence Park  
Hyannis, MA 02601  
(617) 778-0700  
John Hale, President  
Total Employees: 400  
Services: SysInt  
Public

**FICAPER**

France

**Subsidiaries/Divisions:**

**Information Management International**

2525 East Bayshore Road  
Palo Alto, CA 94303  
(415) 493-2100  
David Beck, President  
IS Revenue (US only), FYE 01/87: \$ 4.9 m  
Total Employees: 100  
Services: Pfs Proc Tky

**FICOR**

10250 Chester Road  
Cincinnati, OH 45215  
(513) 771-5800  
Ken Fischer, President  
Total Revenue, FYE 12/88: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 10  
Services: ApplSW  
Private

**Fidelity Packaging Corporation**

2107 Livingston Street  
P.O. Box 24333  
Oakland, CA 94623  
(415) 261-7611  
Private

**Fifth Generation Systems, Inc.**

11200 Industriplex Blvd  
Baton rouge, LA 70809  
(504) 291-7221  
Barry L. Bellue, President  
Total Revenue, FYE 06/88: (Est) \$ 20.0 m  
IS Revenue: \$ 14.0 m  
Total Employees: 80  
Services: SysSW  
Private

**Figgie International Holdings Inc.**

1000 Virginia Center Parkway  
Richmond, VA 23295  
(804) 264-5600  
Harry E. Figgie, Jr., President  
Total Revenue, FYE 12/86: \$ 919.0 m  
Public

**Subsidiaries/Divisions:**

**Figgie Systems Management Group, Inc.**

4420 Sherwin Rd.  
Willoughby, OH 44094  
(216) 946-9000  
Walter J. Hayes, President  
Services: Pfs Proc ApplSW Tky

**Figgie Systems Management Group, Inc.**

Please see Figgie International Holdings Inc.

**File Net Corporation**

3530 Hyland Avenue  
Costa Mesa, CA 92626  
(714) 766-2344  
Ted Smith, President  
Private

**Financial Application Consulting**

28333 Telegraph Road  
Suite 409  
Southfield, MI 48034  
(313) 358-5455  
Doug Christensen, President  
Private

**Financial Audit Systems**

7340 Six Forks Road  
Raleigh, NC 27615  
(800) 327-8255  
Ray Allen, President  
Services: Pfs ApplSW  
Private

**Financial Communications Services, Inc.**

5580 LBJ Freeway, Suite 670  
Dallas, TX 75240  
(214) 960-8471  
Private

**Financial Decision Systems, Inc.**

28035 Dorothy Drive  
Agoura Hills, CA 91301  
(818) 706-2000  
Warren Richard, President  
Total Revenue, FYE 04/87: \$ 5.0 m  
IS Revenue: \$ 5.0 m  
Total Employees: 55  
Services: ApplSW  
Private

**Financial Information Systems**

411 Industrial Drive, Suite # 107  
Richardson, TX 75081  
(214) 680-8696  
Anthony Passaro, President  
Total Revenue, FYE 12/87: (Est) \$ 4.0 m  
IS Revenue: \$ 4.0 m  
Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Financial Management Systems, Inc.**

205 Portland Street  
Boston, MA 02114  
(617) 367-5981

James Barker, President

IS Revenue (US only), FYE 12/87: \$ 1.8 m

Total Employees: 15

Services: ApplSW

Private

**Financial Services, Inc.**

175 Rock Road  
Glen Rock, NJ 07452  
(201) 652-6000

John J. Schunke, President

Total Revenue, FYE 06/86: \$ 10.0 m

IS Revenue: \$ 10.0 m

Total Employees: 120

Services: Proc ApplSW

Private

**Financial Software, Inc.**

3 Kane Industrial Drive  
Hudson, MA 01749  
(617) 568-0374

Edwin W. Hatfield, President

Total Revenue, FYE 03/86: \$ 1.0 m

IS Revenue: \$ 1.0 m

Total Employees: 7

Services: ApplSW

Private

**Financial Technology, Inc.**

612 N. Michigan Avenue  
Chicago, IL 60611  
(312) 280-0600

Jerome E. Frankowick, President

Services: ApplSW

Private

**Financial Telecommunications, Inc.**

Please see Fitel, Ltd.

**Financiek, Inc.**

2400 Computer Dr.  
P.O. Box 670  
Westboro, MA 01581  
(617) 366-0950

Private

**Finserv Computer Corporation**

1462 Erie Boulevard  
Schenectady, NY 12305  
(518) 374-4430

Creighton Brittell, President

IS Revenue (US only), FYE 12/87: \$ 5.5 m

Total Employees: 125

Services: Pfs Proc ApplSW SysSW Tky

Private

**Firesign Computer Company**

524 Union Street, Suite 208  
San Francisco, CA 94133

Charles A. Mills, President

Private

**First Alliance**

Subsidiaries/Divisions:

**VM/CMS Unlimited, Inc.**

11770 Bernardo Plaza Ct.  
Suite 255

San Diego, CA 92128

(619) 487-8030

**Firststar Corporation of Appleton**

200 West College Avenue

P.O. Box 1859

Appleton, WI 54913

(414) 735-1300

William D. Wolter, President

Services: Proc

Public

**First Bank Corporation Information Services**

P.O. Box 64603

St. Paul, MN 55164

(612) 291-5868

George Dixon, CEO

Services: Proc

Public

**First Bank System, Inc.**

1200 First Bank Place East

Minneapolis, MN 55402

(612) 370-5100

Private

Subsidiaries/Divisions:

**FBS Information Services**

332 Minnesota Street

St. Paul, MN 55101

(612) 291-5877

Delroy R. Hayunga, President

Services: Proc

**First Boston Capital Group, Inc.**

Please see First Boston, Inc.

**First Boston, Inc.**

c/o The First Boston Corp.

Park Avenue Plaza

New York, NY 10055

(212) 909-2000

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Subsidiaries/Divisions:**

**First Boston Capital Group, Inc.**  
Tower Forty Nine  
12 East 49th Street  
New York, NY 10017  
(914) 332-4500  
A.V. Kissal, President

**First Chicago Data Corp.**  
Acquired. Please see MTEch

**First City National Bank of Houston**  
1001 Main Street  
P.O. Box 2557  
Houston, TX 77252  
(713) 658-6011  
Mr. Daniel C. Arnold, President  
Private

**Subsidiaries/Divisions:**

**First City Services Company**  
P.O. Box 2557  
Houston, TX 77001  
(713) 658-6340  
Larry Betsinger, President  
Services: Proc

**First City Services Company**  
Please see First City National Bank of Houston

**First Course**  
P.O. Box 374  
Summit, NJ 09701  
(201) 877-7039  
Private

**First Data Management Company, Inc.**  
120 North Robinson  
Oklahoma City, OK 73101-1010  
(405) 232-6600

Gary Bunch, Chairman  
Total Revenue, FYE 12/86: \$ 33.0 m  
Is Revenue: \$ 33.0 m  
Total Employees: 360  
Services: Pfs Proc  
Public

**First Data Resources Inc.**  
Please see American Express Company

**First Desk Systems Inc.**  
7 Industrial Park Road  
Medway, MA 02053  
(508) 533-2203  
William Hulbig  
Total Revenue, FYE 12/87: (Est) \$ 2.5 m  
Total Employees: 10  
Services: ApplSW  
Private

**Subsidiaries/Divisions:**

**Template Systems, Inc.**  
7 Industrial Park Road  
Medway, MA 02053  
(800) 522-2286  
Services: ApplSW  
Private

**First Financial Management Corp.**  
3 Corporate Square  
Suite 700  
Atlanta, GA 30329  
(404) 321-0120  
Patrick H. Thomas, President  
IS Revenue (US only), FYE 12/87: \$ 175.0 m  
Total Employees: 2,708  
Services: Proc  
Public

**Subsidiaries/Divisions:**

**American Automated**  
Atlanta Data Center  
242 Falcon Drive  
Froest Park, GA 30050  
(404) 361-7772  
Total Revenue, FYE 12/88: (Est) \$ 7.0 m  
Is Revenue: \$ 7.0 m  
Total Employees: 75

**First National Bank in Little Rock**  
Capitol & Broadway  
Little Rock, AR 72201  
(501) 371-7311  
John Davis  
Private

**First National Bank of Louisville**  
P.O. Box 36000  
Louisville, KY 40232  
(502) 581-5386  
Private

**First Nationwide Savings**

**Subsidiaries/Divisions:**

**F.N. Realty Services**  
35 North lake  
Suite 300  
Pasadena, CA 91101  
(818) 304-4100  
Jim Marmorstone, President  
Services: Proc

**First Operations Resource, Incorporated**  
Please see Manufacturers & Traders Trust

**CAMS 1988**  
**Directory of Information Services Companies**

**First Software Corporation**

17-21 Ballard Way  
Lawrence, MA 01843  
(617) 689-0077

Rick Faulk, President

Services: ApplSW

Private

**First Union Corporation**

First Union Plaza  
Charlotte, NC 28288  
(704) 374-6565

Private

**First Wisconsin Corporation**

Subsidiaries/Divisions:

**First Wisconsin National Bank of  
Milwaukee**

777 E. Wisconsin Avenue  
Milwaukee, WI 53201  
(414) 765-4800

John Becker, President

Total Employees: 5,000

Services: Proc

**First Wisconsin National Bank of  
Milwaukee**

Please see First Wisconsin Corporation

**Fischer Innis Systems Corporation**

4175 Merchantile Avenue  
Naples, FL 33942  
(813) 643-1500

Doug Whittemore, President

Services: ApplSW

Private

**Fischer & Porter**

County Line Road  
Warminster, PA 18974  
(215) 674-6000

Private

**Flserv, Inc.**

2152 S. 114th St.  
Milwaukee, WI 53227-1029  
(414) 546-5000

George D. Dalton, President

IS Revenue (US only), FYE 12/87: \$ 85.5 m

Total Employees: 1,307

Services: Proc ApplSW

Public

Subsidiaries/Divisions:

**Sendero Corporation**

6900 East Camelback Road, Suite 330  
Scottsdale, AZ 85251  
(602) 941-8112

Clifford Myers, President

Services: Pfs ApplSW

**Fisher Business Systems**

3260 Powers Ferry Road, Suite A-200  
Atlanta, GA 30067  
(404) 953-1717

Private

**Fisher-Stevens, Inc.**

Please see IMS International, Inc.

**Fitel, Ltd.**

Private

Subsidiaries/Divisions:

**Financial Telecommunications, Inc.**

810 7th Avenue, 26th Floor  
New York, NY 10019  
(212) 307-1616

Dr. Jeffrey Heal, President

Services: Proc ApplSW

**Flagship Group (The), Inc.**

7616 LBJ Freeway  
Dallas, TX 75251  
(214) 385-1882

Jerome T. Paul, President

Private

Subsidiaries/Divisions:

**Calyx Corporation**

150 N. Sunny Slope Road  
Suite 375  
Brookfield, WI 53005  
(414) 782-0300

Paul R. Lundell

Services: ApplSW

Private

**MC Software, Inc.**

1105 Kennedy Place Suite 1  
Davis, CA 95616  
(916) 756-8104

Services: Pfs ApplSW

Private

**Fleet Financial Group**

50 Kennedy Plaza  
Providence, RI 02903  
(401) 278-5800

Public

Subsidiaries/Divisions:

**CAMS 1988**  
**Directory of Information Services Companies**

**Fleet Information, Inc.**

125 Dupont Drive  
Providence, RI 02907  
(401) 278-5900  
Albert C. Pattuson IV, President  
Services: Proc

**Fleet Information, Inc.**

Please see Fleet Financial Group

**Fleet Management Systems, Inc.**

Please see Intec Systems, Inc.

**Fleet/National Bank**

Subsidiaries/Divisions:

**Academic Financial Services Association**

2277 East 220th St.  
Long Beach, CA 90810  
(213) 513-2710  
Richard Kipper, President  
Services: Pfs Proc

**Flexware**

15404 E. Valley  
Industry, CA 91746  
(1-800) 961-0230  
Services: ApplSW  
Private

**Florida Software Services, Inc.**

Please see Kirchman Corporation (The)

**Flow General, Inc.**

7655 Old Springhouse Road  
McClean, VA 22102  
(703) 893-5915  
Robert Wengler  
IS Revenue (US only), FYE 06/87: \$ 50.0 m  
Total Employees: 2,268  
Services: Pfs ApplSW  
Public

**FMC Corporation**

Subsidiaries/Divisions:

**Vallys Corporation**

2050 Martin Avenue  
Santa Clara, CA 95050  
(408) 970-9760  
John J. Clancy, CEO  
Total Employees: 46  
Services: ApplSW

**F.N. Realty Services**

Please see First Nationwide Savings

**Focus Research Systems, Inc.**

Please see Dun & Bradstreet Corporation (The)

**Food Computer Systems, Inc.**

P.O. Box 109  
De Pere, WI 54115  
(414) 337-2027  
David Smith, VP  
Services: Tky  
Private

**Foothill Associates, Inc.**

1730 N. Euclid  
Upland, CA 91786  
(714) 982-0666  
Art Mollet, President  
Private

**Foothill Research, Inc.**

1301 Shoreway Road, Suite 300  
Belmont, CA 94002  
(415) 593-6696  
David Parks, President & CEO  
Services: ApplSW  
Private

**ForceTen Enterprises, Inc.**

3845 Dutch Village Road  
Halifax B3L 4H9  
Nova Scotia  
CANADA  
(902) 453-0040  
David Houston, President  
Services: Proc  
Private

**Forefront Corporation**

Acquired. Please see Ashton-Tate Corp.

**Forem Systems, Inc.**

5540 Ekwil St.  
Santa Barbara, CA 93111  
(805) 683-5661  
Joseph Riley, President  
Services: ApplSW  
Private

**Foresight Resources Corp.**

932 Massachusetts Avenue  
Lawrence, KS 66044  
(913) 841-1121  
Services: ApplSW  
Private

**Forest Computer, Inc.**

1749 Hamilton Road  
Okemos, MI 48864  
(517) 349-4700  
T.L. Fraser, President  
Services: Pfs ApplSW Tky  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Forethought, Inc.**

250 Sobrante Way  
Sunnyvale, CA 94086-4807  
(408) 737-7070

Robert Campbell, President  
Services: ApplSW  
Private

**Formation, Inc.**

823 East Gate Drive  
Mount Laurel, NJ 08054  
(609) 234-5020

Arthur D. Beard, President  
Services: ApplSW  
Private

**Forte Communications, Inc.**

2205 Fortune Drive  
San Jose, CA 95131  
(408) 945-9111

Private

**Forthright Systems, Inc.**

490 Lakeside Drive  
Sunnyvale, CA 94086-4705  
(408) 730-5700

Richard Beck, President  
Total Employees: 22  
Services: ApplSW  
Private

**Fortune Systems Corporation**

300 Harbor Blvd.  
Belmont, CA 94002  
(415) 593-9000

James S. Campbue, President  
Public

**Forum Systems, Inc.**

85 W. Tasman  
San Jose, CA 95134-1703  
(408) 943-9403

James Steenberg, President  
Services: ApplSW  
Private

**Four Phase Systems**

Name changed. Please see Motorola Computer Systems

**Fourth Generation Technology, Inc.**

10280 N. Torrey Pines Road, Suite 350  
La Jolla, CA 92037  
(619) 455-7663

Nigel S. Read, President  
Total Revenue, FYE 12/86: (Est) \$ 2.0 m  
Is Revenue: \$ 2.0 m  
Total Employees: 45  
Services: Pfs  
Private

**Fourth Shift Corporation**

7900 International Drive  
Eagan, MN 55122  
(612) 851-1500

Mal Spuckey, President  
IS Revenue (US only), FYE 12/87: \$ 12.0 m  
Total Employees: 100  
Services: ApplSW  
Private

**Foxmeyer-TBL**

2301 Avenue J  
Arlington, TX 76011  
(817) 481-7843

Bill Tauscher, President  
Services: Proc  
Public

**Fox Research, Inc.**

Please see Digital Communications Associates

**FoxWare Systems Corporation**

17801 Main #H  
Irvine, CA 92714  
(714) 250-1512

R. Thomas Fox, President  
Services: ApplSW Tky  
Private

**Frame Technology Corporation**

2911 Zanker Road  
San Jose, CA 95134  
(408) 433-3311

Steven T. Kirsch, President  
Total Revenue, FYE 12/88: (Est) \$ 4.0 m  
Is Revenue: \$ 4.0 m  
Total Employees: 50  
Services: ApplSW  
Private

**Franken Computer Systems, Inc.**

456 S. Central Avenue  
Glendale, CA 91204  
(818) 247-0400

Frank J. O'Kaw, President  
Total Revenue, FYE 06/88: (Est) \$ 0.5 m  
Is Revenue: \$ 0.5 m  
Total Employees: 16  
Services: ApplSW  
Private

**Franklin Institute Research Laboratories  
(The)**

20th & Race Street  
Philadelphia, PA 19103  
(215) 448-1556

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Franz, Inc.**

1995 University Avenue  
Berkeley, CA 94704  
(415) 548-3600

Fritz Kunzi, President

IS Revenue (US only), FYE 12/87: \$ 2.1 m

Total Employees: 20

Services: SysSW

Private

**Future Technologies International, Inc.**

6 Century Drive  
Parsippany, NJ 07054  
(201) 285-1666

Bruce W. Raney, President

Services: ApplSW

Private

**Frey Associates, Inc.**

Chestnut Hill Road  
Amherst, NH 03031  
(603) 627-1123

Eric D. Frey, Chairman

Services: Pfs Tk

Private

**Friedman & Associates**

108 Wilmot Road  
Deerfield, IL 60015  
(312) 948-7180

Herb Friedman, President

Services: Pfs ApplSW Tk

Private

**Frontline Software, Inc.**

P.O. Box 688  
Kihei, Maui, HI 96753  
(808) 879-9943

Paul G. Hansen, President

Services: Pfs ApplSW

Private

**FTP Software, Inc.**

501 Cambridge Street  
Cambridge, MA 02141  
(617) 868-4878

James Van Bokkelen, President

Services: ApplSW

Private

**FundsNet, Inc.**

Please see National Business Systems, Inc.

**Funk Software**

222 3rd Street  
Cambridge, MA 02142  
(617) 497-6339

Paul Funk, President

Total Employees: 19

Services: ApplSW SysSW

Private

**Future Software, Inc.**

2525 South Main Street, Suite 9  
Salt Lake City, UT 84115  
(801) 487-5330

Bob Wall, President

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**GAI Systems**

P.O. Box 5832  
St. Louis, MO 63134  
(314) 831-6464

Walter Garrett, President  
Services: ApplSW  
Private

**Galler Associates, Inc.**

520 North Washington  
Falls Church, VA 22046  
(602) 965-9781

Private

**Subsidiaries/Divisions:**

**Galler Automation Industries Inc.**

520 North Washington Street  
Falls Church, VA 22046  
(703) 525-9292

Jerry Galler, President  
Services: Pfs ApplSW

**Galler Automation Industries Inc.**

Please see Galler Associates, Inc.

**Gancom, Inc.**

Please see Gannett Flemming, Inc.

**Ganesa Group International**

1495 Chain Bridge Rd.  
McLean, VA 22101  
(703) 492-0442

Private

**Gannett Flemming, Inc.**

**Subsidiaries/Divisions:**

**Gancom, Inc.**

P.O. Box 1459  
Harrisburg, PA 17105-1454  
(717) 763-7226

J. Douglas Berry, President

Total Revenue, FYE 12/88: (Est) \$ 8.0 m  
Total Employees: 125

**Gardner & Associates**

217 South Stemmons  
Suite 215  
Lewisville, TX 75067  
(214) 221-6400

Terry Gardner, President

IS Revenue (US only), FYE 12/87: \$ 0.4 m  
Total Employees: 8

Services: ApplSW Tky  
Private

**Garpac Corporation**

254 W. 35th Street  
New York, NY 10001  
(212) 760-0070

Michael S. Import, President  
Services: Pfs ApplSW Tky  
Private

**Garrett Group, Inc.**

4590 Stone Leigh Road  
Bloom Field Hills, MI 48013  
(313) 540-9522

James Garrett, President  
Services: Pfs  
Private

**Gary Bergman Associates**

14 Hickory Lane  
New Brunswick, NJ 08902  
(201) 247-2727

Gary Bergman, President  
Services: SysSW  
Private

**Gary Brown Associates**

322-B Edwardia Drive  
Greensboro, NC 27409  
(919) 852-0550

Gary N. Brown, President

Total Revenue, FYE 06/88: (Est) \$ 2.5 m  
Total Employees: 35  
Services: Pfs ApplSW SysInt  
Private

**GASCARD Club, Inc.**

11025 N. Torrey Pines Road  
La Jolla, CA 92038-3897  
(619) 457-4100

Keith Moore, President

Total Revenue, FYE 03/88: (Est) \$ 5.0 m  
Total Employees: 35  
Services: Tky  
Public

**Gateway Communications, Inc.**

2941 Alton Avenue  
Irvine, CA 92714  
(714) 553-1555

David S. McMaster, President

IS Revenue (US only), FYE 12/87: \$ 7.8 m  
Total Employees: 80  
Services: ApplSW SysSW SysInt  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Gateway Design Automation**

6 Lyberty Way  
Westford, MA 01886  
(617) 486-9701  
Prabhu Goel, President  
Services: ApplSW  
Private

**Gaylord Information Systems**

Box 4901  
Syracuse, NY 13221  
(315) 457-5070  
John J. Dellamore  
Total Revenue, FYE 01/88: (Est) \$ 45.0 m  
IS Revenue: \$ 4.5 m  
Total Employees: 500  
Private

**GCA Communications**

1000 Holcomb Woods Parkway  
Roswell, GA 30076  
(404) 998-3998  
Les Freed, President  
Services: ApplSW  
Private

**GCC Technologies**

Winter Street  
Waltham, MA 02145  
(617) 890-0880  
Kevin Curren, President  
Total Revenue, FYE 12/87: (Est) \$ 20.5 m  
IS Revenue: \$ 20.5 m  
Total Employees: 100  
Services: Tky  
Private

**GDK Systems, Inc.**

Acquired. Please see Hogan Systems, Inc.

**Geac Canada Limited**

Canada  
Public

Subsidiaries/Divisions:

**Geac Computers, Inc.**

1807 Park Drive  
Suite 400  
St. Louis, MO 63146  
(314) 878-4210

James C. Puzniak, President  
IS Revenue (US only), FYE 04/87: \$ 12.0 m  
Total Employees: 810  
Services: Pfs Proc Tky

**Geac Computers, Inc.**

Please see Geac Canada Limited

**GE Information Services**

Please see General Electric Company

**Gelco Corporation**

One Gelco Drive  
Eden Prairie, MN 55344  
(612) 828-1000  
N. Bud Grossman, Chairman  
Total Revenue, FYE 07/86: \$ 1,016.3 m  
Public

Subsidiaries/Divisions:

**Gelco Maintenance Systems**

3 Gelco Dr.  
Eden Prairie, MN 55344  
(612) 828-2400  
N. Bud Grossman, CEO  
Services: ApplSW Tky

**Gelco Maintenance Systems**

Please see Gelco Corporation

**Genelco, Inc.**

Please see General American Life Insurance Co.

**General American Life Insurance Co.**

13045 Tesson Ferry Road  
Saint Louis, MO 63128  
(314) 843-8700  
Private

Subsidiaries/Divisions:

**Consultec**

9040 Roswell Road, #700  
Atlanta, GA 30350  
(404) 594-7799  
Gray Arnold, President  
IS Revenue (US only), FYE 12/87: \$ 25.0 m  
Total Employees: 300  
Services: Proc ApplSW

**Genelco, Inc.**

1600 South Brentwood Blvd., Suite 500  
St. Louis, MO 63144  
(314) 962-2040  
David B. Johnson, President  
IS Revenue (US only), FYE 12/87: \$ 7.1 m  
Total Employees: 130  
Services: Proc ApplSW

**General Communications, Inc.**

11301 Rockville Pike  
Kensington, MD 20845  
(301) 231-7000  
V. Berlin, Vice President  
Services: Pfs Proc  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**General Computer Corporation**

2045 Midway Dr.  
Twinsburg, OH 44087  
(216) 425-3241

Richard R. Pilarczyk, President

Total Revenue, FYE 05/88: (Est) \$ 15.0 m

Is Revenue: \$ 15.0 m

Total Employees: 200

Services: Proc Tky

Public

**General Computer Resources, Inc.**

255 Bear Hill Road  
Waltham, MA 02154  
(617) 890-4345

David J. Isenberg, President

IS Revenue (US only), FYE 07/87: \$ 0.9 m

Total Employees: 5

Services: Pfs

Private

**General Devices, Inc.**

PO Box 667  
Norristown, PA 19040  
(212) 272-4477

Public

**General Dynamics Corporation**

Pierre Laclède Center  
St. Louis, MO 63105  
(314) 889-8200

Oliver C. Boileau, President

Total Revenue, FYE 12/86: (Est) \$ 8,600.0 m

Is Revenue: \$ 84.3 m

Services: Pfs Proc ApplSW

Public

**Subsidiaries/Divisions:**

**General Dynamics - Data Systems Division**

12101 Woodcrest Executive Drive  
St. Louis, MO 63141  
(314) 851-8917

Ace Hall, General Manager

Total Revenue, FYE 12/86: (Est) \$ 86.0 m

Is Revenue: \$ 84.3 m

Total Employees: 3,300

Services: Pfs Proc ApplSW

**General Dynamics - Data Systems Division**

Please see General Dynamics Corporation

**General de Service Informatique**

France

Public

**Subsidiaries/Divisions:**

**GSI Transcomm**

1380 Old Freeport Road  
Pittsburgh, PA 15238  
(412) 963-6770

Philippe Beaurain, President

IS Revenue (US only), FYE 12/87: \$ 8.0 m

Total Employees: 86

Services: ApplSW

Private

**General Electric Company**

Public

**Subsidiaries/Divisions:**

**GE Information Services**

401 North Washington St.  
Rockville, MD 20850  
(301) 340-4000

Services: Pfs Proc Network ApplSW

**General Information, Inc.**

401 Parkplace, Suite 305  
Kirkland, WA 98033  
(206) 828-4777

Dick Brass, CEO

Total Employees: 50

Private

**General Instrument Corporation**

767 Fifth Ave.  
New York, NY 10153-0082  
(212) 207-6200

Frank G. Hickey, President

IS Revenue (US only), FYE 02/87: \$ 37.0 m

Total Employees: 23,500

Services: Pfs Proc Tky

Public

**General Motors Corporation**

3044 West Grand Blvd.  
Detroit, MI 48202  
(313) 556-3000

F. James McDonald, President

Public

**Subsidiaries/Divisions:**

**EDS Corporation**

7171 Forest Lane  
Dallas, TX 75230  
(214) 661-6000

Lester M. Alberthal, Jr., President

Total Employees: 4,800

Services: Pfs Proc ApplSW SysInt Tky

**CAMS 1988**  
**Directory of Information Services Companies**

**General Optimization Inc.**

2251 North Geneva Terrace  
Chicago, IL 60614  
(312) 248-7300

Services: ApplSW  
Private

**General Research**

Please see Flow General, Inc.

**General Robotics Corp.**

57 N. Mauin St.  
Hartford, WI 53027  
(414) 673-6800

Dave Schwartz, President  
Services: ApplSW  
Private

**Generic Computer Products, Inc.**

P. O. Box 790  
Department ID-SS  
Margiette, MI 49855  
(906) 249-9801

David Powers  
Total Revenue, FYE 12/88: \$ 0.5 m  
Total Employees: 14  
Private

**Genesee Computer Center, Inc.**

20 University Avenue  
Rochester, NY 14605  
(716) 232-7050

Robert T. MacIntire, President  
Total Revenue, FYE 05/88: (Est) \$ 1.2 m  
Is Revenue: \$ 1.2 m  
Total Employees: 15  
Services: Pfs Proc ApplSW  
Public

**GENESYS Software Systems, Inc.**

Five Branch Street  
Methuen, MA 01844

Larry Munini, President  
Total Revenue, FYE 06/87: \$ 10.6 m  
Total Employees: 140  
Private

**Genigraphics Corp.**

4806 West Taft Road  
P.O. Box 591  
Liverpool, NY 13088  
(315) 451-6600

Flavil Q. Van Dyke, President  
Total Revenue, FYE 07/86: (Est) \$ 65.0 m  
Is Revenue: \$ 52.0 m  
Total Employees: 700  
Services: Proc Tky  
Private

**GENIX Corporation**

Please see National Intergroup

**GENSYS Corporation**

125 Cambridge Park Drive  
Cambridge, MA 02140  
(617) 547-9806

Lowell R. Hawkinson  
Total Employees: 25  
Services: SysSW  
Private

**Gentry, Inc.**

430 40th Street  
Oakland, CA 94609  
(415) 547-6134

Grace H. Gentry, President  
Private

**Geocomp Corporation**

66 Commonwealth Avenue  
Concord, MA 01742  
(617) 369-8304

IS Revenue (US only), FYE 08/87: \$ 0.7 m  
Total Employees: 8  
Services: ApplSW SysSW  
Private

**Geographic Systems, Inc.**

204 Andover Street  
Andover, MA 01810  
(617) 470-3760

Private

**Geometric Data Flow, Inc.**

337 N. Vineyard Avenue, Suite #206  
Ontario, CA 91764  
(714) 984-1260

Russell Mobley, President  
Services: ApplSW  
Private

**Geonex Corporation**

301 Fourth Street North  
St. Petersburg, FL 33701  
(813) 823-3300

Harold F. Flynn, President  
Total Revenue, FYE 09/87: (Est) \$ 16.0 m  
Total Employees: 700  
Public

**Geophysical Services Inc.**

Please see Texas Instruments Incorporated

**GeoQuest Systems, Inc.**

4605 Post Oak Place, Suite 230  
Houston, TX 77027  
(713) 622-8065

Rex C. Ross, President  
Total Revenue, FYE 01/87: \$ 2.1 m  
Is Revenue: \$ 2.1 m  
Services: ApplSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**George K. Darling & Associates, Inc.**

451 Andover Street  
Suite 209  
North Andover, MA 01845  
(617) 794-0212

**George K. Darling**

Total Revenue, FYE 12/88: (Est) \$ 2.0 m  
Is Revenue: \$ 1.6 m  
Total Employees: 30  
Services: Pfs ApplSW  
Private

**Geosource, Inc.**

6909 Southeast Freeway  
Houston, TX 77236-7561  
(713) 774-7561

**Don Sheffield, President**

IS Revenue (US only), FYE 01/87: \$ 21.0 m  
Total Employees: 3,000  
Services: Pfs Proc ApplSW Tky  
Public

**GeoVision Corporation**

Please see Kinburn Technology Group

**Gerber Garment Technology Inc.**

Please see Gerber Scientific, Inc.

**Gerber Scientific, Inc.**

83 Gerber Road, West  
South Windsor, CT 06074  
(203) 644-1551

**H. Joseph Gerber, President**

IS Revenue (US only), FYE 04/87: \$ 89.7 m  
Total Employees: 1,800  
Services: Tky  
Public

Subsidiaries/Divisions:

**Gerber Garment Technology Inc.**

24 Industrial Road  
Tolland, CT 06084  
(203) 644-2401

**Gerber Scientific Instrument Company**

83 Gerber Road West  
South Windsor, CT 06074  
(203) 644-1551

**Gerber Scientific Products, Inc.**

151 Batson Drive  
Manchester, CT 06040  
(203) 643-1515

**Gerber Systems Technology, Inc.**

Sullivan Avenue  
South Windsor, CT 06074  
(203) 644-1551

**Gerber Scientific Instrument Company**

Please see Gerber Scientific, Inc.

**Gerber Scientific Products, Inc.**

Please see Gerber Scientific, Inc.

**Gerber Systems Technology, Inc.**

Please see Gerber Scientific, Inc.

**GESCO Corporation**

Please see Guarantee Savings and Loan

**Gessler Educational Software, Inc.**

900 Broadway  
New York, NY 10003  
(212) 673-3113  
Private

**Gifford Fong Associates**

1600 Riviera Ave., Suite 285  
Walnut Creek, CA 94596  
(415) 932-1910

**H. Gifford Fong, President**

IS Revenue (US only), FYE 12/87: \$ 4.0 m  
Total Employees: 42  
Services: Pfs  
Private

**Gilbert Associates, Inc.**

P.O. Box 1498  
Reading, PA 19603  
(215) 775-2600

**Charles Williams, President**

Total Revenue, FYE 12/86: \$ 233.5 m  
Services: Pfs ApplSW  
Public

Subsidiaries/Divisions:

**Gilbert Commonwealth, Inc.**

P.O. Box 1498  
Reading, PA 19603  
(215) 775-2600  
Charles D. Williams, President  
Services: Pfs

**Gilbert Services, Inc.**

P.O. Box 1498  
Reading, PA 19603  
(215) 775-2600  
Michael L. Alexander  
Total Revenue, FYE 12/87: (Est) \$ 2.5 m  
Is Revenue: \$ 0.6 m  
Total Employees: 42  
Services: Pfs ApplSW Tky

**Gilbert Commonwealth, Inc.**

Please see Gilbert Associates, Inc.

**Gilbert Services, Inc.**

Please see Gilbert Associates, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Gimbel Software**  
3207 Hogarth Lane  
Collegeville, PA 19426  
(215) 584-4261  
James F. Gimbel, President  
Services: ApplSW  
Private

**Gimpel Software**  
3207 Hogarth Lane  
Collegeville, PA 19426  
(215) 584-4261  
James F. Gimpel  
Total Revenue, FYE 12/87: (Est) \$ 0.5 m  
Total Employees: 5  
Private

**GIS Corp.**

Subsidiaries/Divisions:

**Napersoft, Inc.**  
One Enery Center  
Naperville, IL 60540-8466  
(312) 420-1515  
Bart Carlson, President  
Services: ApplSW

**GIS Information Systems**  
815 Commerce Drive  
Oakbrook, IL 60521  
(312) 574-3636  
Frank J. Burns, President  
IS Revenue (US only), FYE 12/87: \$ 12.0 m  
Total Employees: 56  
Services: Proc

**Gladstone Electronics**  
376 St. Cloud  
North Orange, NJ 07052  
(201) 325-2071  
Private

**Global Health Systems, Inc.**  
1701 Research Blvd.  
Rockville, MD 20850  
(301) 258-9212  
Alan Gold, President  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 18  
Services: Tky  
Public

**Global Information Systems Technology, Inc.**  
1800 Woodfield Drive  
Savoy, IL 61874  
(217) 352-1165  
Thomas Chen, Ph.D., President  
IS Revenue (US only), FYE 12/87: \$ 4.4 m  
Total Employees: 45  
Services: Pfs ApplSW Tky  
Private

**Global Software, Inc.**  
Please see Hathaway Corporation

**Global Turnkey Systems, Inc.**  
4 North Street  
Waldwick, NJ 07463  
(201) 445-5050  
Robert Bearson, President  
IS Revenue (US only), FYE 12/87: \$ 5.9 m  
Total Employees: 85  
Services: Tky  
Private

**Global-Ultimac Systems, Inc.**  
2945 Center Green Court South  
Boulder, CO 80301  
Services: Pfs ApplSW  
Private

**Glosser Brothers, Inc.**

Subsidiaries/Divisions:

**Data Consultants, Inc.**  
1724 Lyter Drive  
Johnston, PA 15905  
(814) 255-4137  
Kenneth Roslin, President  
Services: Proc

**GMD Systems International, Inc.**  
8601 Dunwoody Place, Suite 420  
Atlanta, GA 30338  
(404) 587-0934  
Kenneth Rardin, President  
Total Employees: 170  
Services: Pfs ApplSW  
Private

**GMS Systems**  
12 West 37th Street  
New York, NY 10018  
(212) 947-3590  
Private

**Gnosis, Inc.**  
4005 Chestnut Street  
Philadelphia, PA 19104  
(215) 387-1500  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Goal Systems International, Inc.**

7965 North High St.  
Columbus, OH 43223  
(614) 888-1775

James A. Rutherford, Chairman

IS Revenue (US only), FYE 01/87: \$ 41.0 m

Total Employees: 380

Services: SysSW

Private

**Go Corporation**

139 Townsend Street  
San Francisco, CA 94107  
(415) 543-3200

Jerrold Kaplan

Total Employees: 20

Services: ApplSW SysSW

Private

**G.O. Graphics**

18 Ray Avenue  
Burlington, MA 01803  
(800) 237-5588

George Smith, President

IS Revenue (US only), FYE 10/87: \$ 1.9 m

Total Employees: 30

Services: ApplSW

Private

**Goldhill Computers, Inc.**

163 Harvard Street  
Cambridge, MA 02139  
(617) 492-2071

Carl Wolf, President

Services: ApplSW

Private

**Good Software Corporation**

5429 LBS, Suite 720 LB149  
Dallas, TX 75240  
(214) 239-6085

Jim Smith, President

Services: ApplSW

Private

**Gordon Publications, Inc.**

Box 1952  
Dover, NJ 07801  
(201) 361-9060

Private

**Gould, Inc.**

10 Gould Center  
Rolling Meadows, IL 60008  
(312) 640-4000

James F. McDonald

IS Revenue (US only), FYE 01/87: \$ 200.0 m

Services: SysSW

Public

**GPA Technical Consultants**

801 Linn Street  
Cincinnati, OH 45203  
(513) 721-1900

Gus Perakausis, President  
Private

**Gracon Services, Inc.**

4632 Okemos Road  
Okemos, MI 48864  
(517) 349-4900

Mike Grady, President

Services: Pfs ApplSW SysSW

Private

**Graham Software Corp.**

212 King Street West, Suite 400  
Toronto M5H1K5  
Ontario  
CANADA

(416) 592-9131

Services: ApplSW

Private

**Grant-Norpac, Inc.**

10550 Richmond Avenue  
P.O. Box 42801  
Houston, TX 77042  
(713) 556-1400

Private

**Graphic Communications**

Please see Lotus Development Corporation

**Graphic Scanning Corporation**

329 Alfred Avenue  
Teaneck, NJ 07666  
(201) 837-5100

Steven M. Greenberg, President

Public

**Graphic Software Systems**

9590 S.W. Gemini Drive  
P.O. Box 4900  
Beaverton, OR 97005-4900  
(503) 641-2200

Edgar Zanz, President

IS Revenue (US only), FYE 10/87: \$ 6.9 m

Total Employees: 66

Services: SysSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Great Plans Software, Inc.**

1701 Southwest 38th St.  
Fargo, ND 58103  
(701) 281-0550

Douglas J. Burgum

Total Revenue, FYE 05/88: (Est) \$ 15.0 m

Is Revenue: \$ 15.0 m

Total Employees: 200

Services: ApplSW

Private

**Group 1 Software, Inc.**

Please see Comnet

**Group Operations, Inc.**

Acquired. Please see Computer Data Systems, Inc.

**Grumman Corporation**

1111 Stewart Avenue  
Bethpage, NY 11714  
(516) 575-0574

John O'Brien, President

Total Revenue, FYE 12/86: \$ 3,501.9 m

Public

Subsidiaries/Divisions:

**Grumman Data Systems Division**

1111 Stewart Avenue  
Bethpage, NY 11714  
(516) 575-2335

Robert Myers, President

IS Revenue (US only), FYE 12/87: \$ 96.0 m

Total Employees: 3,000

Services: SysInt

**Grumman Data Systems Division**

Please see Grumman Corporation

**Gryphon Microproducts**

P.O. Box 6543  
Silver Springs, MD 20906  
(301) 946-2585

Private

**GSI Transcomm**

Please see Generale de Service Informatique

**GTECH Corporation**

101 Dyer St.  
Providence, RI 02903  
(401) 273-7700

Guy B. Snowden, President

IS Revenue (US only), FYE 12/87: \$ 80.6 m

Total Employees: 1,000

Services: Proc

Public

**GTE Corporation**

One Stamford Forum  
Stamford, CT 06904  
(203) 965-2000

James L. Johnson, President  
Public

Subsidiaries/Divisions:

**GTE Data Services**

First Florida Tower  
P.O. Box 1548  
Tampa, FL 33601  
(813) 224-3131

James L. Johnson, President

IS Revenue (US only), FYE 12/87: \$ 27.3 m

Total Employees: 2,626

Services: Pfs Proc

**GTE EFT Services, Inc.**

11711 North Meridian Street, Suite 210  
Carmel, IN 46032  
(317) 844-0119

Stephen R. Nelson, General Manager

Services: Proc

**GTE Telenet Communications Corp.**

12490 Sunrise Valley Dr.  
Reston, VA 22096  
(703) 689-6000

Paolo Guidi, President

IS Revenue (US only), FYE 12/87: \$ 216.0 m

Total Employees: 1,800

Services: Pfs Network

**GTE Data Services**

Please see GTE Corporation

**GTE EFT Services, Inc.**

Please see GTE Corporation

**GTE Telenet Communications Corp.**

Please see GTE Corporation

**GTX Corporation**

8836 N. 23rd Avenue  
Phoenix, AZ 85021  
(602) 870-1696

Marvin Ling, President

Total Revenue, FYE 03/88: (Est) \$ 5.0 m

Is Revenue: \$ 5.0 m

Total Employees: 100

Services: ApplSW Tky

Private

**Guarantee Savings and Loan**

1177 Fulton Mall  
Fresno, CA 93721  
(209) 268-8111

Services: Pfs

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Subsidiaries/Divisions:**

**GESCO Corporation**

1451 East Shaw Avenue  
Fresno, CA 93726  
(209) 224-8373

Jack McMenimon, President  
Services: Proc

**Guidance Software**

2 Kingwood Place  
700 Rockmead - Suite 163  
Kingwood, TX 77339  
(713) 358-7191

Private

**Gulf & Western, Inc.**

Public

**Subsidiaries/Divisions:**

**Simon & Schuster, Inc.**

1 Gulf and Western Plaza  
New York, NY 10023  
(212) 373-8209

Terry Newell  
Total Employees: 40

**Gull, Inc.**

395 Oser Avenue  
Smithtown, NY 11787  
(516) 231-3737

Private

**Gull Resource Management Systems, Inc.**

Please see Parker Hannifan Corporation

**Gupta Technologies**

1020 Marsh Road, Suite 210  
Menlo Park, CA 94025  
(415) 321-9500

Umang Gupta, President  
IS Revenue (US only), FYE 12/87: \$ 1.3 m  
Total Employees: 33  
Services: SysSW  
Private

**G & Z Systems, Inc.**

187 Main Street  
East Chester, NY 10707  
(914) 961-1613

Richard A. Zuckerman, President  
Services: Pfs ApplSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Habersham Banking Solutions, Inc**

1395 Marietty Parkway  
Suite 200

Atlanta, GA 30067  
(404) 422-8736

Joe Sledd, Chairman

Total Revenue, FYE 12/88: (Est) \$ 2.5 m

Total Employees: 23

Services: Tky

Private

**H & A Computer Systems, Inc.**

522 Washington Street  
San Francisco, CA 94111

(415) 434-3517

Alan Hochschild, President

Total Revenue, FYE 04/86: \$ 15.0 m

Is Revenue: \$ 7.5 m

Total Employees: 40

Services: Pfs ApplSW

Private

**Hadron, Inc.**

9990 Lee Highway  
Fairfax, VA 22030

(703) 359-6100

Dominic Laiti, President

Total Revenue, FYE 03/86: \$ 22.3 m

Is Revenue: \$ 22.3 m

Total Employees: 552

Services: Pfs

Public

**Hale Systems, Inc.**

1076 East Meadow Circle  
Palo Alto, CA 94303-4240

(415) 494-6111

Charles G. Calderaro, President

Is Revenue (US only), FYE 03/87: \$ 3.4 m

Total Employees: 40

Services: ApplSW Tky

Public

**Hal Systems & Services, Inc.**

17750 Preston Road  
Dallas, TX 75252

(214) 248-8008

Greg Hahn, President

Is Revenue (US only), FYE 09/87: \$ 1.8 m

Total Employees: 24

Services: Pfs Proc ApplSW SysInt Tky

Private

Subsidiaries/Divisions:

**Petro Solutions, Inc.**

614 American Bank Plaza  
(512) 882-4445

Greg Hahns

Services: Pfs Proc Network ApplSW Tky

**Hamilton Mint**

Subsidiaries/Divisions:

**InforMedia Corporation**

262 Old New Brunswick Road  
Piscataway, NJ 08854

(201) 981-1110

Stephen E. Strickman, President

IS Revenue (US only), FYE 06/87: \$ 5.0 m

Total Employees: 45

Services: Proc Network SysSW

**Hamlin, Williams & Associates, Inc.**

1694 Shelby Oaks Drive, North  
Memphis, TN 38134

(901) 388-6120

David Hamlin, President

IS Revenue (US only), FYE 12/87: \$ 1.0 m

Total Employees: 35

Services: Pfs ApplSW Tky

Private

**Hammer Computer Services**

900 Larkspur, Suite 250

Larkspur, CA 94939

(415) 461-7633

James Allen

Private

**Hampstead Computer Graphics**

P.O. Box 469

East Hampstead, NH 03826

(603) 329-5076

Dan Healy, President

IS Revenue (US only), FYE 12/87: \$ 1.3 m

Total Employees: 11

Services: ApplSW

Private

**Hansen Management Systems, Inc.**

P.O. Box 688

Kilhei, HI 96753

(808) 879-9943

Private

**Harbinger Computer Services, Inc.**

1800 Century Place

Suite 340

Atlanta, GA 30345

(404) 320-1636

Tycho Howle, President

Services: Network ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Harcourt Brace Jovanovich, Inc.**

6277 Sea Harbor Dr.  
Orlando, FL 32821  
(305) 345-2000  
William Jovanovich, Chairman  
Public

**Subsidiaries/Divisions:**

**Interactive Learning**

1 Fawcett Place  
Greenwich, CT 06830  
(203) 622-2500  
Edmund Auer, President  
Total Employees: 20  
Services: ApplSW

**Harnischfeger Industries, Inc.**

13400 Bishops Lane  
Brookfield, WI 53021  
(414) 671-4400

**Subsidiaries/Divisions:**

**SYSCON Corporation**

1000 Thomas Jefferson St. N.W.  
Washington, DC 20007  
(202) 342-4000  
J.J. Iglesias

**Harris Business Systems/Services**

613 Martin Avenue, Suite 201  
Rohnert Park, CA 94928  
(707) 585-3868  
John A. Harris, Owner  
Total Revenue, FYE 12/86: \$ 0.9 m  
Is Revenue: \$ 0.9 m  
Total Employees: 11  
Services: Pfs ApplSW  
Private

**Subsidiaries/Divisions:**

**Harris Data Service, Inc.**

611 North Barker Road  
Suite 200  
Waukesha, WI 53186-1903  
(414) 784-9099  
Tom Harris, President  
Services: Pfs ApplSW SysInt Tky

**Harris Corporation**

1025 West NASA Blvd.  
Melbourne, FL 32919  
(305) 727-9100  
John T. Hartley, President  
IS Revenue (US only), FYE 01/87: \$ 90.0 m  
Total Employees: 24,000  
Services: Pfs ApplSW SysSW  
Public

**Subsidiaries/Divisions:**

**Scientific Calculations, Inc.**

7635 Main St.  
Fishers, NY 14453  
(716) 924-9303  
Paul D. Watkins, President  
Services: ApplSW Tky

**Harris Data Service, Inc.**

Please see Harris Business Systems/Services

**Harris Technology Group, Inc.**

624 Peach Street  
P.O. Box 80837  
Lincoln, NE 68501  
(402) 476-2811  
Ronald L. Harris, President  
Services: Pfs ApplSW  
Private

**Harte-Hanks Communications, Inc.**

200 Concord Plaza Drive  
San Antonio, TX 78216  
(512) 829-9000  
Bob Marbut, President  
Private

**Subsidiaries/Divisions:**

**Computer Market Services**

1950 West Corporate Way  
Anaheim, CA 92801-5399  
(714) 991-5478  
Andy Pieter, President  
Total Revenue, FYE 12/86: (Est) \$ 3.0 m  
Is Revenue: \$ 3.0 m  
Total Employees: 50  
Services: Proc

**Urban Data Processing, Inc.**

25 Linnell Circle  
Billerica, MA 01821  
(617) 663-9955  
John Sweeney, CEO  
IS Revenue (US only), FYE 12/87: \$ 10.5 m  
Total Employees: 125  
Services: Proc ApplSW

**Hartford Insurance**

**Subsidiaries/Divisions:**

**Redshaw, Inc.**

Foster Plaza 10  
Pittsburgh, PA 15220  
(412) 937-3661  
Robert Thompson, Jr., President  
IS Revenue (US only), FYE 01/87: \$ 17.7 m  
Total Employees: 238  
Services: Tky

**CAMS 1988**  
**Directory of Information Services Companies**

**Harvard Software, Inc.**

Acquired. Please see Software Publishing Corporation

**Harvest Computer Systems**

120 N. Harrison Street  
Alexandria, IN 46001  
(317) 724-4429

Gary Randolph, President  
Services: ApplSW  
Private

**Harvey Software**

P.O. Box 06596  
Fort Myers, FL 33906  
(813) 482-8600

Services: ApplSW  
Private

**Hathaway Corporation**

350 Interlaken  
Broomfield, CO 80020  
(303) 460-1500

Total Revenue, FYE 06/88: (Est) \$ 45.0 m

Is Revenue: \$ 22.5 m

Total Employees: 500

Services: ApplSW  
Public

**Subsidiaries/Divisions:**

**Global Software, Inc.**

1009 Spring Forest Road  
Raleigh, NC 27615  
(919) 872-7800

Ron Kupferman, President

IS Revenue (US only), FYE 01/87: \$ 14.0 m

Total Employees: 235

Services: ApplSW

**Hawkeye Grafix**

3415 Hyde Park Drive  
Clearwater, FL 33519-1527  
(813) 348-7909

Will Pierce, CEO  
Private

**Hayden Software Company, Inc.**

650 Suffolk Street  
Lowell, MA 01853  
(617) 937-0200

Bruce Twickler, President  
Private

**Hayes Microcomputer Products**

705 Westech Drive  
Norcross, GA 30092  
(404) 449-8791

Dennis Hayes, President  
Private

**HBI Business Systems**

7503 Weatherby Drive  
Rockville, MD 20855  
(301) 869-2355

James E. Hughes, President  
Services: ApplSW  
Private

**HBO & Company**

301 Perimeter Center N.  
6th Floor  
Atlanta, GA 30346  
(404) 393-6000

Walter S. Huff, President

IS Revenue (US only), FYE 12/87: \$ 175.2 m

Total Employees: 1,800

Services: Pfs Proc ApplSW Tky  
Public

**Health Data Sciences Corp.**

268 W. Hospitality Lane  
San Bernardino, CA 92408  
(714) 370-1330

Dr. Ralph A. Korpman, President

IS Revenue (US only), FYE 09/87: \$ 15.7 m

Total Employees: 130

Services: Tky  
Private

**Health Data Systems, Inc.**

101 North Main Street  
Lewistown, PA 17044  
(717) 248-4800

Private

**Health Information Systems, Inc.**

4522 Fort Hamilton Parkway  
Brooklyn, NY 11219  
(718) 453-6300

Burt Hochstein, President

Total Revenue, FYE 06/86: (Est) \$ 2.7 m

Is Revenue: \$ 1.8 m

Total Employees: 120

Services: Pfs ApplSW  
Public

**Health Software, Inc.**

4440 Logan Way  
Youngstown, OH 44505  
(216) 759-2103

David O. Anderson

Services: Pfs ApplSW SysInt Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Health Systems International, Inc.**

100 Broadway  
New Haven, CT 06511  
(203) 562-2101

Ron Bernier, President

Total Revenue, FYE 12/86: (Est) \$ 6.5 m

Is Revenue: \$ 6.5 m

Total Employees: 85

Services: ApplSW

Private

**Heidelberg Eastern, Inc.**

73-45 Woodhaven Blvd.  
Glendale, NY 11385  
(718) 830-7900

Private

Subsidiaries/Divisions:

**Profit Control Systems**

73-45 Woodhaven Blvd.  
Glendale, NY 11385  
(718) 830-7900

Karl Hendrick-Bang, Vice President

Total Revenue, FYE 10/86: \$ 5.5 m

Is Revenue: \$ 5.5 m

Total Employees: 68

Services: Pfs Tky

**Helmman Systems**

1030 S. Winchester Boulevard  
San Jose, CA 95128  
(408) 462-8300

Services: ApplSW

Private

**Help/38 Systems**

6101 Baker Road  
210 Baker Technology Plaza  
Minnetonka, MN 55345  
(612) 933-0609

Richard R. Jacobson, President

Private

**Henco Software, Inc.**

100 5th Avenue  
Waltham, MA 02154  
(617) 890-8670

Henry T. Cochran, President

Services: ApplSW

Private

**Henley Group**

375 Park Avenue  
New York, NY 10152  
(212) 832-2200

Public

Subsidiaries/Divisions:

**Rust International**

1130 S. 22nd Street  
Birmingham, AL 35201  
(205) 930-2500

David Rosenfale, President

Services: Pfs ApplSW Tky

**Heritage Computer Corporation**

Please see Heritage Mutual Insurance Company

**Heritage Mutual Insurance Company**  
Public

Subsidiaries/Divisions:

**Heritage Computer Corporation**

2800 South Taylor Drive  
Sheboygan, WI 53081  
(414) 457-1422

Jens P. Christensen, President

IS Revenue (US only), FYE 12/87: \$ 5.4 m

Total Employees: 52

Services: Proc ApplSW

**Heritage Software**

3757 Wilshire Blvd., Suite 211  
Los Angeles, CA 90010  
(213) 384-4120

Private

**Heuristima Corporation**

6300 Southcenter Blvd., Suite 203  
P.O. Box 88862  
Seattle, WA 98138  
(206) 248-2661

John Connor, President

IS Revenue (US only), FYE 12/87: \$ 2.3 m

Total Employees: 16

Services: Pfs ApplSW Tky

Private

**Hewlett Packard Company**

3000 Hanover St.  
Palo Alto, CA 94304  
(415) 857-1501

John A. Young, CEO

IS Revenue (US only), FYE 10/87: \$ 422.0 m

Total Employees: 82,000

Services: Pfs ApplSW SysSW Tky

Public

**HHB Systems, Inc.**

Please see Cadnetix Corporation

**CAMS 1988**  
**Directory of Information Services Companies**

**High Caliber Systems, Inc.**

165 Madison Avenue  
New York, NY 10016  
(212) 684-5553

**Al Schwendtner, President**

Total Revenue, FYE 12/87: (Est) \$ 0.5 m

Total Employees: 4

Services: Pfs ApplSW

Private

**High Tech Communications**

P.O. Box 8531  
Metairie, LA 70011  
(504) 832-0987

Private

**Hiller Industries**

631 North 400 West  
Salt Lake City, UT 84103  
(801) 521-2411

**Melvin Hiller, President**

IS Revenue (US only), FYE 12/87: \$ 6.0 m

Total Employees: 110

Services: ApplSW

Private

**HJS Research, Inc.**

Cedar Court, Suite 6162  
Monmouth Junction, NJ 08852  
(800) 323-1809

**Corey Schwartz, President**

Total Revenue, FYE 07/88: (Est) \$ 1.0 m

Total Employees: 12

Services: Pfs SysSW

Private

**Hogan Systems, Inc.**

5080 Spectrum Drive  
Suite 400E  
Dallas, TX 75248  
(214) 386-0020

**Gary Fiedler, President**

IS Revenue (US only), FYE 03/87: \$ 34.0 m

Total Employees: 525

Services: Pfs ApplSW

Public

**Hollander Associates**

P.O. Box 2276  
Fullerton, CA 92633  
(714) 879-9000

**G.L. Hollander, President**

Services: Pfs ApplSW SysInt

Private

**Holland Systems Corporation**

3131 South State Street, Suite 303  
Ann Arbor, MI 48108  
(313) 995-9595

**Robert H. Holland, President**

Total Employees: 45

Services: Pfs Tky

Private

**Holm-Dietz Computer Systems, Inc.**

6790 N. West Avenue  
Fresno, CA 93711  
(209) 431-8100

**Wayne Holm, President**

IS Revenue (US only), FYE 12/87: \$ 1.5 m

Total Employees: 18

Services: Pfs ApplSW Tky

Private

**Home Shopping Network, Inc.**

(813) 572-8585

**Roy Speer, Chairman**

Services: Network

Public

**Honeywell Bull, Inc.**

Please see Honeywell, Inc.

**Honeywell, Inc.**

Honeywell Plaza  
Minneapolis, MN 55408  
(612) 870-5200

**Edson W. Spencer, Chairman**

Services: Pfs ApplSW Tky

Public

**Subsidiaries/Divisions:**

**Honeywell Bull, Inc.**

3800 West 80th St.  
Minneapolis, MN 55431  
(612) 896-3800

**Jerome J. Meyer**

IS Revenue (US only), FYE 12/87: \$ 104.0 m

Total Employees: 20,500

Services: Pfs Network SysSW

**Hotel Information Systems**

400 Ellinwood Way, Suite 160  
Pleasant Hill, CA 94523  
(415) 822-1212

**Bob Sanford, President**

IS Revenue (US only), FYE 12/87: \$ 9.3 m

Total Employees: 125

Services: ApplSW Tky

Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Houghton Mifflin Company**

One Beacon Street  
Boston, MA 02108  
(617) 725-5000

Harold Miller, President  
Services: ApplSW  
Public

**Houston Data Center, Inc.**

6801 Portwest Dr., Suite 170  
Houston, TX 77024  
(713) 880-0042

George J. Kurka, President  
IS Revenue (US only), FYE 03/87: \$ 5.3 m  
Total Employees: 55  
Services: Proc ApplSW Tky  
Private

**Houston Engineering Research Corporation**

7250 Wynwood  
Houston, TX 77008  
(713) 869-9371

C.J. Vondrehle, President  
IS Revenue (US only), FYE 12/87: \$ 1.2 m  
Total Employees: 22  
Services: Pfs ApplSW Tky  
Private

**HowardSoft**

1224 Prospect Street, Suite 150  
San Diego, CA 92037  
(619) 454-0121

Services: ApplSW  
Private

**Howard W. Sams Software**

4300 W. 62nd St.  
Indianapolis, IN 46360  
(317) 298-5400

Services: ApplSW  
Public

**H & R Block, Inc.**

4410 Main Street  
Kansas City, MO 64111  
(816) 753-6900

Services: Proc  
Public

**Subsidiaries/Divisions:**

**CompuServe, Inc.**

5000 Arlington Centre Blvd.  
P.O. Box 20212  
Columbus, OH 43220  
(614) 457-8600

Charles W. McCall, President  
IS Revenue (US only), FYE 04/87: \$ 89.5 m  
Total Employees: 1,100  
Services: Network SysSW

**H.R.C. Micro Organisation Ltd.**

1 Hereford Street, The Moor  
Sheffield S1 4PR  
England

(074) -755047  
Services: ApplSW  
Private

**HSH National Management Inc.**

Acquired. Please see SunGard Data Systems, Inc.

**Human Edge Software Corp.**

2445 Faber Ave.  
Palo Alto, CA 94303  
(415) 493-1593

Jim Johnson, President  
Services: ApplSW  
Private

**Hurricane Systems, Inc.**

926 Great Pond Drive  
Altamonte Springs, FL 32714  
(305) 774-8888

W.G. Harold, President  
Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**IBM Corporation**  
Old Orchard Road  
Armonk, NY 10504

John F. Akers  
Total Employees: 389,000  
Services: Pfs Proc Network ApplSW SysSW SysInt Tky  
Public

Subsidiaries/Divisions:

**IBM Information Network**  
472 Wheelers Farm Road  
Milford, CT 06460  
(203) 783-7000  
Syd N. Heaton, Vice President  
Services: Proc ApplSW

**IBM Information Network**  
Please see IBM Corporation

**IBS Corp.**  
4660 La Jolla Village Dr.  
Suite 700  
San Diego, CA 92122  
(619) 452-6045  
Marco G. Pacelli, President  
Services: SysSW  
Private

**ICC, Inc.**  
48 Horsehill Road  
Cedar Knolls, NJ 07927  
(201) 267-6600

Gary Sullivan, President  
Services: Proc ApplSW  
Private

Subsidiaries/Divisions:

**Computer Cost Control Corporation**  
353 Richard Mine Road  
Wharton, NJ 07885  
(201) 361-0955  
Services: Proc ApplSW Tky

**Iconics, Inc.**  
Name changed. Please see Transform Logic Corporation

**ICS Group**  
3848 Carson Street, Suite 320  
Torrance, CA 90503  
(213) 534-2611  
John Benton, President  
Services: Pfs ApplSW  
Private

**ICT Group**  
2260 Cabot Blvd. West  
Langhorn, PA 19047  
(215) 757-8000

John J. Brennan  
Total Employees: 120  
Services: Pfs ApplSW SysSW SysInt Tky  
Private

**IDC Data Services**  
1225 Franklin Avenue  
Garden City, NY 11530  
(516) 294-6040  
Paul Roth, President  
Services: ApplSW  
Private

**IDC Services, Inc.**  
303 East Ohio Street  
Chicago, IL 60611  
(312) 943-7500  
Lawrence J. Berkowitz, President  
Total Revenue, FYE 12/86: \$ 46.3 m  
Is Revenue: \$ 27.7 m  
Total Employees: 600  
Services: Proc  
Public

**Idea Ware, Inc.**  
225 Lafayette Street, Suite 712  
New York, NY 10012  
(212) 334-8043  
Private

**IEEE Computer Society**  
10662 Los Vaqueros Circle  
Los Alamitos, CA 90720  
(714) 821-8380  
Private

**IFA Systems, Inc.**  
363 7th Avenue  
New York, NY 10001  
(212) 213-0710  
Irwin Finkelthal, President  
Services: Tky  
Private

**IHC Affiliated Services, Inc.**  
Please see Intermountain Health Care, Inc.

**ILAR Systems, Inc.**  
334 Baywood Dr.  
Newport Beach, CA 92660  
(714) 640-2485  
John Richardson, President  
Total Employees: 10  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**I-LOGIX, Inc.**

22 3rd Avenue  
Burlington, MA 01803  
(617) 272-8090

Peter Chiasson, President

Total Revenue, FYE 06/88: (Est) \$ 6.5 m

Is Revenue: \$ 6.5 m

Total Employees: 27

Services: SysSW

Private

**Image Network**

140 Whisman Road  
Mountain View, CA 94041  
(415) 967-0542

John Copeland, President

IS Revenue (US only), FYE 02/87: \$ 0.3 m

Total Employees: 2

Services: ApplSW

Private

**Imedia Corporation**

20833 Stevens Creek, Suite 101  
Cupertino, CA 95014  
(408) 255-5500

O.H. Davison, Jr., President

Services: ApplSW

Private

**IMI Systems**

1500 Broadway Avenue  
New York, NY 10036  
(212) 944-1555

Robert Forman, President

Total Revenue, FYE 01/86: \$ 16.1 m

Is Revenue: \$ 15.0 m

Total Employees: 175

Services: Pfs ApplSW

Private

**IMREX Computer Systems, Inc.**

3117 E. Shore Road  
Great Neck, NY 11023  
(516) 466-5210

Robert Schitt, President

IS Revenue (US only), FYE 12/87: \$ 13.4 m

Total Employees: 127

Services: ApplSW

Private

**IMRS**

1600 Summer Street  
Stamford, CT 06905  
(203) 323-6500

James A. Perakis, President

Total Employees: 65

Services: ApplSW

Private

**IMSI**

633 Fifth Avenue  
San Rafael, CA 94901  
(415) 454-7101

Private

**IMS International, Inc.**

800 Third Avenue  
New York, NY 10022  
(212) 371-2310

Total Revenue, FYE 12/86: \$ 375.5 m  
Public

**Subsidiaries/Divisions:**

**Fisher-Stevens, Inc.**

100 Campus Road  
Totowa, NJ 07512  
(201) 790-0700

R. Duke Powell, President

Total Revenue, FYE 12/86: (Est) \$ 25.0 m

Is Revenue: \$ 25.0 m

Total Employees: 400

Services: Proc

**IMSL, Inc.**

2500 Parkwear Tower One  
255 Citywest Blvd.  
Houston, TX 77042  
(713) 782-6060

Services: ApplSW

Private

**IN BANK**

118 East 28th St.  
New York, NY 10016  
(212) 684-4010

IS Revenue (US only), FYE 12/87: \$ 4.5 m

Total Employees: 40

Services: ApplSW Tky

Private

**INCO, Inc.**

8260 Greensboro Drive  
McLean, VA 22102  
(703) 442-7960

Services: Pfs

Private

**Inconographics, Inc.**

6719 White Post Rd.  
Centerville, VA 22020  
(703) 830-1780

Services: Pfs

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Indecon Inc.**

1210 Three, 1st National Plaza  
Chicago, IL 60602  
(312) 726-5860

Donald F. Breitfelder, President  
Services: Pfs  
Private

**Index Group, Inc.**

Acquired. Please see Computer Sciences Corporation

**Index Technology Corp.**

One Main Street  
Cambridge, MA 02142  
(617) 494-8200

Richard A. Carpenter, President  
IS Revenue (US only), FYE 12/87: \$ 16.5 m  
Total Employees: 200  
Services: SysSW  
Public

**Individual Software Inc.**

1163-1 Chess Drive  
Foster City, CA 94404  
(415) 341-6116

Joe Hendrickson, President  
Total Revenue, FYE 12/86: \$ 2.0 m  
Is Revenue: \$ 2.0 m  
Total Employees: 25  
Services: ApplSW  
Private

**Industrial Corporation**

31st & Jefferson Street  
Philadelphia, PA 19121  
(215) 684-1000

Private

**Industrial Network Systems**

5700 Southwick Blvd.  
Toledo, OH 43614  
(419) 867-0200

Paul Lansky, President  
Total Revenue, FYE 12/88: (Est) \$ 0.5 m  
Is Revenue: \$ 0.5 m  
Total Employees: 10  
Services: Network ApplSW  
Private

**Inference Corporation**

5300 West Century Boulevard  
Los Angeles, CA 90045  
(213) 417-7997

Alexander Jacobson, President  
Services: Pfs ApplSW  
Private

**INFINET, Inc.**

Please see Memotel

**INFOCEL, Inc.**

5711 Six Forks Road  
Raleigh, NC 27609  
(919) 848-0001

David E. Rodger, President  
IS Revenue (US only), FYE 09/87: \$ 10.0 m  
Total Employees: 100  
Services: Tky  
Private

**InfoCenter Software**

171 Main Street  
New Paltz, NY 12561  
(914) 255-8925

J. Roger Moody, President & CEO  
Private

**InfoCode, Inc.**

19 Union Square West  
New York, NY 10003  
(212) 741-9411

Grant Browning, President  
Services: ApplSW  
Public

Subsidiaries/Divisions:

**Vertek, Inc.**

232 Sherwood Ave  
Farmingdale, NY 11735  
(516) 753-0200

Joseph Benjamin, President

**Infocom, Inc.**

Please see Activision, Inc.

**Infodata Systems Inc.**

5 Tobey Village Office Park  
Pittsford, NY 14534  
(716) 381-7430

Ronald A. Furman, President  
IS Revenue (US only), FYE 12/87: \$ 12.5 m  
Total Employees: 175  
Services: ApplSW  
Public

**Info Design, Inc.**

445 Enterprise Court  
Bloomfield Hills, MI 48013  
(313) 334-9790

Richard Kahl, President  
Services: ApplSW  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**InfoMed**

1041 Rt. 1  
Princeton, NJ 08540  
(609) 987-8181  
Fred Neufeld, President  
IS Revenue (US only), FYE 06/87: \$ 10.0 m  
Total Employees: 125  
Services: Pfs Tky  
Private

**Information Access Company**

Please see Ziff-Davis Publishing

**Information Analysis Systems Corporation**

2 Brookside  
Mansfield Center, CT 06250  
(203) 429-1691  
James Watt, President  
IS Revenue (US only), FYE 12/87: \$ 0.7 m  
Total Employees: 6  
Services: Pfs SysSW  
Private

**Information Associates, Inc.**

Please see Management Science America, Inc.

**Information Builders, Inc.**

1252 Broadway Avenue  
New York, NY 10001  
(212) 736-4433  
Gerald D. Cohen, President  
IS Revenue (US only), FYE 12/87: \$ 113.0 m  
Total Employees: 1,000  
Services: SysSW  
Private

**Information Companies of America**

**(ICOA)**

1500 Walnut Street  
Philadelphia, PA 19102  
(215) 875-4650  
G.L. Brodsky, President  
Services: Proc  
Public

**Information Concepts, Inc.**

1331 H Street, N.W., 9th Floor  
Washington, DC 20005  
(202) 628-4400  
Cary Toor, President  
Private

**Information Design, Inc.**

Oak Park Professional Office  
145 Durham Road, Suite 3-3  
Madison, CT 06443  
(203) 245-8547  
Services: ApplSW  
Private

**Information Dimension, Inc.**

Please see Battelle Memorial Institute

**Information Engineering Systems Corporation**

1235 Jefferson Davis Hwy.  
Century Bldg, Suite 1405  
Arlington, VA 22202  
(703) 553-9222  
Dean Mohlstrom, President and CEO  
Services: Pfs ApplSW  
Private

**Information Industries, Inc.**

8880 Ward Parkway  
Kansas City, MO 64114  
(816) 444-8100  
Robert W. Spackman, President  
IS Revenue (US only), FYE 04/87: \$ 7.4 m  
Total Employees: 70  
Services: Pfs  
Private

**Information Management Consultants, Inc.**

405 N. Washington Street  
Suite 301  
Falls Church, VA 22046  
(703) 237-1822  
Sudhaker V. Shenoy, President  
Services: Pfs Proc ApplSW Tky  
Private

**Information Management Corporation**

3131 Elliot Avenue, Suite 600  
Seattle, WA 98121-1018  
(206) 282-1880  
Chris Johnson, President  
Total Revenue, FYE 11/86: \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 12  
Services: Pfs ApplSW  
Private

**Information Management International**

Please see FICAPER

**Information Management Services**

2040 S. Ridgewood Avenue, Suite 102  
South Dayton, FL 32019  
Bill Phillips, President  
Services: Pfs  
Private

**Information Management Software  
Specialists, Inc.**

Box 1633  
Racine, WI 53401  
(414) 632-1571  
Ron T. Bridgette, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Information Network Corporation**

14677 Midway Road  
Dallas, TX 75244  
(214) 630-1240

James McNeff, President  
Services: Proc  
Private

**Information Processing, Inc.**

317 Whooping Crane Loop, Suite #1825  
Altamonte Springs, FL 32701  
(305) 331-5200

Private

**Information Processing Techniques, Inc.**

1096 East Meadow Circle  
Palo Alto, CA 94303  
(415) 494-7500

C. Stephen Carr, President  
IS Revenue (US only), FYE 12/87: \$ 4.9 m  
Total Employees: 33  
Services: Pfs SysSW  
Private

**Information Resources, Inc.**

150 N. Clinton St.  
Chicago, IL 60606  
(312) 726-1221

Gian Fulgoni, President  
Services: Network ApplSW  
Public

**Information Science Incorporated**

95 Chestnut Ridge Road  
Montvale, NJ 07645  
(201) 391-1600

John A. Rade, President  
IS Revenue (US only), FYE 01/87: \$ 15.2 m  
Total Employees: 206  
Services: Pfs Proc ApplSW Tky  
Public

**Information Strategies, Inc. (ISI)**

Please see Ocean Data Systems

**Information System Investment Corp.**

Name changed. Please see Computer Software Design

**Information Systems, Inc.**

62 Spring Lane  
Farmington, CT 06032  
(203) 677-2540

John McCormick, President  
IS Revenue (US only), FYE 12/87: \$ 6.0 m  
Total Employees: 167  
Services: Proc  
Private

**Information Systems Marketing**

2950 Van Ness Street NW  
Suite 112  
Washington, DC 20008  
(202) 363-8996

Bart Goldenberg, President  
Services: Pfs  
Private

**Information Systems of America, Inc.**

Please see United Telecommunications, Inc.

**Information Technology, Inc.**

P.O. Box 2705  
1345 Old Cheney Road  
Lincoln, NE 68502  
(402) 423-2682

Don Dillon, President  
Total Revenue, FYE 12/88: (Est) \$ 45.0 m  
IS Revenue: \$ 45.0 m  
Total Employees: 150  
Services: ApplSW Tky  
Private

**InfoMedia Corporation**

Please see Hamilton Mint

**Informix Corporation**

4100 Bohannon Dr.  
Menlo Park, CA 94025  
(415) 322-4100

Michael J. Brown, President  
IS Revenue (US only), FYE 12/87: \$ 27.0 m  
Total Employees: 441  
Services: Pfs SysSW  
Public

**Infonronics, Inc.**

550 Newtown Road  
P.O. Box 458  
Littleton, MA 01460  
(617) 486-8976

A.S. Chivers, President  
IS Revenue (US only), FYE 01/87: \$ 2.7 m  
Total Employees: 30  
Services: Pfs Proc ApplSW  
Private

**INFOSTAT, Inc.**

9400 N. Central Expressway  
Suite 1400  
Dallas, TX 75231  
(214) 692-7828

Gerald Neal, President  
Total Revenue, FYE 09/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 30  
Services: Pfs ApplSW SysSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Infotech Systems, Inc.**

2135 N.W. Military #1  
San Antonio, TX 78213  
(512) 341-8888

David Wiederanders, President  
Services: Proc ApplSW Tky  
Private

**Infotek Systems**

10455 S. East Street  
Anaheim, CA  
(714) 956-9321

John Harwer, Vice President  
Services: ApplSW Tky  
Private

**Infotran Corporation**

5222 Woodlawn  
Belaire, TX 77401  
(713) 660-7090

Kurt Leutwyler, President  
Services: ApplSW  
Private

**Ingram Software**

347 Reedwood Drive  
Nashville, TN 37217  
(615) 361-5000

Private

**Innovation Data Processing, Inc.**

275 Patterson Avenue  
Clifton, NJ 07424  
(201) 247-2727

Anthony Mazzone, President  
Services: SysSW  
Private

**Innovative Programming Associates, Inc.**

One Airport Place  
Princeton, NJ 08540  
(609) 924-7272

Morton S. Cohen, President  
Private

**Innovative Software, Inc.**

Merged with Informix Corporation

**Innovative Systems, Inc.**

790 Holiday Drive  
Pittsburgh, PA 15220  
(412) 391-2364

Bob Colonna, President  
Total Employees: 92  
Services: SysSW  
Private

**Input of Texas, Inc.**

P.O. Box 531259  
(214) 263-4591

**True Horton**

Total Revenue, FYE 12/87: (Est) \$ 1.4 m  
Is Revenue: \$ 1.4 m  
Total Employees: 95  
Services: Proc  
Private

**Input Output Computer Services**

400 Totten Pond Road  
Waltham, MA 02254  
(617) 890-2299

**Thomas Farrington, President**

Total Revenue, FYE 06/86: (Est) \$ 19.5 m  
Is Revenue: \$ 16.6 m  
Total Employees: 250  
Services: PIs  
Private

**INSET SYSTEMS, INC.**

12 Mill Plain Road  
Danbury, CT 06811  
(203) 794-0396

**Don Skiba**

Total Revenue, FYE 01/88: (Est) \$ 2.5 m  
Is Revenue: \$ 2.5 m  
Total Employees: 20  
Private

**Inslaw, Inc.**

1125 15th Street, N.W.  
Suite 600  
Washington, DC 20005  
(202) 828-8600

**William A. Hamilton, President**

Total Revenue, FYE 09/86: \$ 8.5 m  
Is Revenue: \$ 7.7 m  
Total Employees: 54  
Services: Proc ApplSW  
Private

**Instant Web**

7951 Power Blvd.  
Chanhassen, MN 55317  
(612) 474-0961

Jerome Carlson, President  
Private

**InstaPlan Corporation**

655 Redwood Hwy, Suite 311  
Mill Valley, CA 94941  
(415) 389-1414

Gary Cole, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**INSTINET Corporation**

737 3rd Avenue  
New York, NY 10017  
(212) 310-9500

Murray Finchaum, President

Total Revenue, FYE 12/86: \$ 14.6 m

Is Revenue: \$ 12.2 m

Total Employees: 100

Services: Proc

Public

**Insurance Sales Systems**

8001 West 63rd Street, Suite One  
Merriam, KS 66202  
(913) 722-0065

Bill Hilliard, Partner

Private

**Insurance Technology Consultants**

1437 W. Palmyra, Suite F  
Orange, CA 92668  
(714) 773-1754

Henry M. Bacher, President

Services: Pfs ApplSW

Private

**Insurnet, Inc.**

1900 Powell St.  
Suite 600  
Emeryville, CA 94608  
(415) 652-3771

IS Revenue (US only), FYE 01/87: \$ 25.0 m

Total Employees: 190

Services: Tky

Private

**Intec Systems, Inc.**

1800 So. Australian Ave.  
West Palm Beach, FL 33409  
(407) 640-8383

Jack Hight

Total Revenue, FYE 12/88: (Est) \$ 2.5 m

Is Revenue: \$ 2.5 m

Total Employees: 40

Services: Pfs ApplSW SysSW SysInt Tky

Private

Subsidiaries/Divisions:

**Fleet Management Systems, Inc.**

400 Australian Avenue  
West Palm Beach, FL 33401  
(305) 629-4900

John D. Gorman, President

Services: Proc ApplSW

**Integral Systems, Inc.**

2185 North Carolina Blvd.  
Walnut Creek, CA 94596  
(415) 939-3900

Brian M. Aspland, President

IS Revenue (US only), FYE 12/87: \$ 29.1 m

Total Employees: 275

Services: Pfs ApplSW

Public

**Integral Technologies, Inc.**

3008 Scott Blvd.  
Santa Clara, CA 95054  
(408) 970-9677

Craig Brinkman

IS Revenue (US only), FYE 01/87: \$ 1.2 m

Total Employees: 7

Services: Pfs

Private

**InteGram, Inc.**

1150 - 140th N.E.  
Bellevue, WA 98005  
(206) 643-1030

Robert Foulkes, President

Services: Pfs Proc Tky

Private

**Integrated Automation, Inc.**

Please see Teknicon Industries

**Integrated Business Concepts, Inc.**

2020 North Broadway, Suite 208  
Walnut Creek, CA 94596  
(415) 947-6666

Michael Klug, President

Services: ApplSW

Private

**Integrated Business Systems**

2030 Timberbrook Drive  
Springfield, IL 62702  
(217) 546-8828

Mark Yow, President

Total Revenue, FYE 03/88: (Est) \$ 2.0 m

Total Employees: 20

Services: Pfs Proc Tky

Private

**Integrated Cash Management Services Inc.**

150 Nassau Street  
New York, NY 10038  
(212) 513-7444

Ben Massuda, President

Total Employees: 20

Services: ApplSW Tky

Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Integrated Computer Technologies**  
1650 S. Amphlett Blvd., Suite 224  
San Mateo, CA 94022  
(415) 341-2946

Harman Cadis, President  
Services: Pfs ApplSW  
Private

**Integrated Health Systems**  
4275 Executive Square  
Suite 550  
La Jolla, CA 92037  
(619) 453-3600

Tom Bilby, President  
IS Revenue (US only), FYE 01/87: \$ 5.0 m  
Total Employees: 40  
Services: Tky  
Private

**Integrated Management Systems**  
5500 S. Quebec, Suite 110  
Engelwood, CO 80111  
(303) 796-9000  
Stephen Forte, President  
Private

**Integrated Microcomputer Systems, Inc.**  
2 Research Place  
Rockville, MD 20850  
(301) 948-4790  
John Yeh, President  
Private

**Integrated Office Systems, Inc.**  
2111 Grant Road  
Los Altos, CA 94022  
(415) 961-3030  
Vas Raman, President  
Services: Pfs  
Private

**Integrated Planning, Inc.**  
338 Newbury Street  
Boston, MA 02115  
(617) 267-5340  
Birgul Erengil, President  
Services: ApplSW  
Private

**Integrated Solutions, Inc.**  
1140 Ringwood Court  
San Jose, CA 95131  
(408) 943-1902  
John McNulty, President  
Total Employees: 120  
Services: Tky  
Public

**Integrated Systems Group, Inc.**  
920 East Broadway  
Glendale, CA 91205  
(818) 502-1414  
Charles A. Archer, President  
Services: Pfs Tky  
Private

**Integrated Systems, Inc.**  
101 University Avenue  
Palo Alto, CA 94301  
(415) 853-8400  
David Dache, President  
Services: Pfs ApplSW  
Private

**Integrity Solutions, Inc.**  
7921 Southpark Plaza  
Suite 200  
Littleton, CO 80120  
(303) 794-5505  
Jerome Nickerson, President/Chairman  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
Is Revenue: \$ 2.5 m  
Total Employees: 25  
Services: SysSW  
Private

**Intellectual Software**  
798 North Avenue  
Bridgeport, CT 06606  
(800) 232-2224  
Private

**IntelliCorp**  
1975 El Camino Real West  
Mountain View, CA 94040-2216  
(415) 965-5500  
Thomas P. Kehler, Chairman  
IS Revenue (US only), FYE 06/87: \$ 18.0 m  
Total Employees: 240  
Services: Pfs Proc ApplSW  
Public

**IntelligenceWare, Inc.**  
9800 S. Sepulveda Blvd.  
Suite 730  
Los Angeles, CA 90045  
(213) 417-8896  
Dr. Kamran Parsaye  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
Is Revenue: \$ 2.5 m  
Total Employees: 17  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Intelligent Business Systems, Inc.**

246 Church Street  
New Haven, CT 06510  
(203) 785-0813  
William Bird, President  
Private

**Intelligent Machines**

1440 W. Broadway  
Missoula, MT 59802  
(406) 728-0332  
James W. Moody, President  
Services: Pfs ApplSW SysSW SysInt Tky  
Private

**Intellisoft International**

P.O. Box 5055  
Novato, CA 94948  
(415) 883-1188  
Bruce Bierman, President  
Total Revenue, FYE 10/88: (Est) \$ 1.0 m  
Is Revenue: \$ 1.0 m  
Total Employees: 12  
Services: SysSW  
Private

**Intellisource, Inc.**

1335 Valwood Parkway  
Suite 111  
Carrollton, TX 75006  
(214) 620-1242  
Pat Haggerty, Jr., President  
Services: Tky  
Private

**IntelliTEK Computer Corporation**

833 Nandino Boulevard  
P.O. Box 11908  
Lexington, KY 40578  
(606) 259-1366  
Private

**Subsidiaries/Divisions:**

**Mainstem Division**

130 Sewaren Avenue  
Sewaren, NJ 07077  
(210) 750-1400  
Vinnie Marino, President  
Total Revenue, FYE 09/87: (Est) \$ 7.0 m  
Is Revenue: \$ 7.0 m  
Total Employees: 50  
Services: Proc

**Intelus, Inc.**

3204 Monroe Street  
Rockville, MD 20852  
(301) 984-6363  
Jan Lodel, President  
Services: Pfs SysInt Tky  
Private

**Interactive Computer Systems**

87 Indian Rock Road  
Woodland Ridge  
Windham, NH 03087  
(603) 893-8520  
Richard Roche, Chairman  
Services: ApplSW  
Private

**Interactive Data Corporation**

Please see Dun & Bradstreet Corporation (The)

**Interactive Development Environments  
(IDE)**

595 Market Street  
12th Floor  
San Francisco, CA 94105  
(415) 543-0900  
Tony Wasserman, President  
Services: SysSW  
Private

**Interactive Financial Services, Inc.**

1600 Parkwood Circle  
Atlanta, GA 30339  
(404) 952-4721  
Peter E. Dios, President  
Total Revenue, FYE 01/87: (Est) \$ 40.0 m  
Is Revenue: \$ 40.0 m  
Total Employees: 750  
Services: Proc ApplSW  
Private

**Subsidiaries/Divisions:**

**Real World Corporation**

Willow Hill Building  
Dover Road  
Chichester, NH 03263  
(603) 224-2200

Larry Byrnes, President  
Total Revenue, FYE 06/88: (Est) \$ 14.5 m  
Is Revenue: \$ 14.5 m  
Total Employees: 140  
Services: ApplSW

**Interactive Images**

600 W. Cummings Park  
Suite 4500  
Woburn, MA 01801  
(617) 938-8440  
Douglas Kahn, President  
Private

**Interactive Information Systems**

4541 S. Butterfield Drive  
Tucson, AZ 85711  
(602) 323-1813  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Interactive Learning**

Please see Harcourt Brace Jovanovich, Inc.

**Interactive Market Systems**

55 Fifth Avenue, 18th Floor  
New York, NY 10003  
(212) 924-0200

Leon H. Liebman, Chairman  
Services: Pfs Proc ApplSW  
Private

**Interactive Network Technologies Inc.**

11 Long Meadow Road  
Lincoln, MA 02703  
(617) 259-1320

Steven Ullman, President  
Services: SysSW  
Private

**Interactive Planning Systems, Inc.**

1800 Century Blvd. N.E.  
Suite 80  
Atlanta, GA 30345  
(800) 241-3246

Jerry Weiner, President  
Total Employees: 25  
Services: ApplSW  
Private

**Interactive Solutions Corporation**

Box 354  
Woodinville, WA 98072  
(206) 481-0633

Mr. Steve Hance, President  
Services: ApplSW  
Private

**Interactive Systems Corporation**

Please see Eastman Kodak

**Interactive Systems, Inc.**

600 Suffolk St.  
Lowell, MA 01854  
(617) 937-8500

Private

**Interactive Technology Incorporated**

10700 SW. Beaverton-Hillsdale Hwy, #460  
Beaverton, OR 97005  
(503) 644-0111

Roger A. Brown, President  
IS Revenue (US only), FYE 01/87: \$ 4.1 m  
Total Employees: 39  
Services: SysSW  
Private

**Interbase Software Corp.**

209 Burlington Road  
Bedford, MA 01730  
(617) 649-3977

James Starkey, President  
Services: SysSW  
Private

**InterCAD Corporation**

Please see ERC International, Inc.

**Interchange Systems, Inc.**

1620 Massachusetts Avenue  
Lexington, MA 02173  
(617) 862-0010

Carl Drisko, President  
Total Revenue, FYE 12/88: (Est) \$ 2.0 m  
Is Revenue: \$ 2.0 m  
Total Employees: 17  
Services: ApplSW  
Private

**Interchart Software, Inc.**

104 Carnegie Center  
Princeton, NJ 08540  
(609) 987-1590

Daniel G. Olatin, President  
Services: ApplSW  
Private

**Intercon Associates, Inc.**

1580 Emerson Street  
Rochester, NY 14606  
(716) 458-0860

Soto Flouris, President  
Services: ApplSW  
Private

**Interface Systems, Inc.**

Subsidiaries/Divisions:

**Winterhalter & Associates, Inc.**

3796 Plaza Drive  
Ann Arbor, MI 48108  
(313) 662-2002

Donald Redding, President  
Services: ApplSW

**Interface Technology, Inc.**

1850 Borman Court  
St. Louis, MO 63146  
(314) 434-0046

William Canfield, President  
Total Revenue, FYE 03/88: (Est) \$ 5.0 m  
Is Revenue: \$ 5.0 m  
Total Employees: 56  
Services: Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Intergraph Corporation**

One Madison Industrial Park  
Huntsville, AL 35807-4201  
(205) 772-2000

Jim W. Meadlock, President

IS Revenue (US only), FYE 12/87: \$ 641.0 m

Total Employees: 6,500

Services: ApplSW Tky

Public

**Interleaf, Inc.**

Ten Canal Park  
Cambridge, MA 02141  
(617) 577-9800

David A. Boucher, President

IS Revenue (US only), FYE 03/87: \$ 53.9 m

Total Employees: 600

Services: ApplSW Tky

Public

**Interlink Computer Sciences, Inc.**

47370 Fremont Blvd.  
Fremont, CA 94538  
(415) 657-9800

Lambert Onuna, President

IS Revenue (US only), FYE 12/87: \$ 3.0 m

Total Employees: 100

Services: ApplSW SysSW Tky

Private

**Intermation**

234 E. Colorado Blvd.  
Pasadena, CA 91101  
(818) 796-9371

Darlene Wills, President

IS Revenue (US only), FYE 12/87: \$ 1.5 m

Total Employees: 15

Services: Pfs ApplSW

Private

**Intermetrics, Inc.**

733 Concord Avenue  
Cambridge, MA 02138  
(617) 661-1840

Joseph A. Saponaro, President

IS Revenue (US only), FYE 12/87: \$ 47.0 m

Total Employees: 659

Services: Pfs SysSW SysInt

Public

**Intermountain Health Care, Inc.**

Public

Subsidiaries/Divisions:

**IHC Affiliated Services, Inc.**

36 S. State St.  
Salt Lake City, UT 84111  
(801) 530-3442

Robert Walker, President

IS Revenue (US only), FYE 12/87: \$ 26.0 m

Total Employees: 215

Services: ApplSW

**International Business Services Inc.**

1090 Vermont Ave. N.W.  
Washington, DC  
(202) 789-5200

Marin O. Green, President

Services: Proc

Private

**International Computaprint Corporation**

475 Virginia Dr.  
Fort Washington, PA 19034  
(215) 641-6000

Hans E. Nickel, President

IS Revenue (US only), FYE 03/87: \$ 34.0 m

Total Employees: 1,000

Services: Proc

Private

**International Computerized**

**Telemarketing, Inc.**

2260 Cabot Boulevard West  
Longhorne, PA 19047  
(215) 757-0200

Richard Penn, President

Private

**International Computer Systems, Inc.**

8603 Westwood Center, Suite 209  
Vienna, VA 22180-2215  
(703) 847-8700

Arun Batavia, President

IS Revenue (US only), FYE 12/87: \$ 3.5 m

Total Employees: 20

Services: Pfs

Private

**International Data Applications**

2001 Gateway Place  
Suite 440-West  
Santa Clara, CA 95110  
(408) 437-0111

Michael E. Cowan, President

Total Employees: 14

Services: Pfs ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**International Microcomputer Software, Inc.**  
1299 Fourth Street  
San Rafael, CA 94901  
(415) 454-7101

Rick Borenstein, President  
IS Revenue (US only), FYE 06/87: \$ 4.0 m  
Total Employees: 30  
Services: ApplSW  
Public

**International Micro-Systems, Inc.**

4331 Merriam Drive  
Overland Park, KS 66203  
(913) 677-1137

William Watson, President  
IS Revenue (US only), FYE 08/87: \$ 2.4 m  
Total Employees: 23  
Services: ApplSW  
Private

**International Software Network, Inc.**

Please see Harris Business Systems

**International Software Systems**

P.O. Box 5427  
Richmond, VA 23220  
(804) 359-2211

Private

**International Systems Services Corporation (ISS)**

140 E 45th Street, 41st Floor  
New York, NY 10017  
(212) 972-4400

Bruce Gupton, President  
Total Revenue, FYE 12/86: (Est) \$ 3.0 m  
IS Revenue: \$ 3.0 m  
Total Employees: 35  
Services: Pfs ApplSW  
Private

**International Technology Group, Inc.**

Please see International Technology Group, Inc.

**International Thompson**

Canada

Subsidiaries/Divisions:

**Technical Data International, Inc.**

11 Farnsworth Street  
Boston, MA 02210  
(617) 330-7878

Jeffrey P. Parker, Chairman  
Total Revenue, FYE 12/88: (Est) \$ 35.0 m  
IS Revenue: \$ 35.0 m  
Total Employees: 200

**Internet Systems Corp.**

200 W. Madison St.  
Suite 1700  
Chicago, IL 60606  
(312) 630-0050

W. Ronald Mahoney, President  
IS Revenue (US only), FYE 01/87: \$ 15.0 m  
Total Employees: 125  
Services: ApplSW  
Private

**Interpretive Data Systems**

1500 Shellburne Road, Box 1070  
S. Burlington, VT 05402  
(802) 862-1022

Richard E. Tarrant, President  
Services: Proc ApplSW  
Private

**Intertec Diversified Systems, Inc.**

2625 Park Blvd.  
Palo Alto, CA 94306  
(415) 326-8900

Frank Grice, President  
Services: Proc ApplSW  
Private

**Intex Solutions, Inc.**

161 Highland Avenue  
Needham, MA 02194  
(617) 449-6222

Tony Hatoun, President  
Services: ApplSW  
Private

**Intrak, Inc.**

9999 Business Park Ave.  
San Diego, CA 92131  
(619) 695-1900

Ron Manning, President  
Services: ApplSW  
Private

**Intran Corporation**

5601 Smetana Drive  
Minnetonka, MN 55343  
Gerald Koch, President  
Services: Pfs Proc  
Private

**Intro-Logic, Inc.**

P.O. Box 569 Lathrup  
Village, MI 48076  
(313) 557-7120

Lloyd G. Henry, President  
IS Revenue (US only), FYE 12/87: \$ 1.1 m  
Total Employees: 17  
Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Inventory Locator Service, Inc.**  
Please see Ryder Systems

**Inversion Technology**  
1359 Beverly Road  
P.O. Box 6070  
McLean, VA 2210-66070  
(703) 893-5149  
Dunn Juerson, President  
Private

**Investment Support Systems, Inc.**  
1455 Broad Street  
Bloomfield, NJ 07003  
(201) 338-0321  
Elie Zabal, CEO  
Services: ApplSW  
Private

**I.P. Sharp Associates**  
2 First Canadian Place, Suite 1900  
Toronto MSX 1E3  
Ontario  
Canada  
(416) 364-5361  
William E. Thompson, President  
Services: Pfs Proc ApplSW  
Private

**ISC Systems Corporation**  
East 22425 Appleway  
P.O. Box TAF-C8  
Spokane, WA 99220  
(509) 927-5600  
Ted C. DeMerritt, President  
IS Revenue (US only), FYE 06/87: \$ 145.5 m  
Total Employees: 1,841  
Services: Tky  
Public

**ISI Systems, Inc.**  
161 Forbes Road  
Braintree, MA 02184  
(617) 848-4620  
Charles C. Johnson, President  
IS Revenue (US only), FYE 06/87: \$ 35.4 m  
Total Employees: 340  
Services: Proc ApplSW  
Public

**Iskra Software International**  
222 Sherwood Ave.  
Farmingdale, NY 11735  
(516) 753-0400  
Stan Kovacic, President  
Services: ApplSW  
Private

**Island Graphics Corp.**  
4000 Civic Center  
San Rafael, CA 94903  
(415) 491-1000  
Daniel Remer, President  
Services: ApplSW  
Private

**Island Pacific Systems Corporation**  
12 Corporated Plaza  
Newport Beach, CA 92260  
(714) 760-5002  
Paul Mickelson, President  
Total Employees: 24  
Services: ApplSW  
Private

**ISYS Corporation**  
50 Church St.  
P.O. Box 214  
Cambridge, MA 02238  
(617) 491-6221  
Private

**ITM Corporation**  
1 Young Street  
Toronto M5E-1E6  
Canada  
(416) 364-1036  
Private

Subsidiaries/Divisions:

**Batteries Included, Inc.**  
30 Mural Street  
Richmond Hill L4B 1B5  
Ontario  
Canada  
(416) 881-9941  
Lindsay Swartz, President  
Services: ApplSW

**ITP Boston, Inc.**  
30 Spinelli Place  
Cambridge, MA 02138  
(617) 499-4200  
Sergio Brosio, President  
Services: Pfs  
Private

**ITRON**  
East 15616 Euclid Avenue  
Spokane, WA 99215  
(509) 924-9900  
Johnny Humphreys, President  
IS Revenue (US only), FYE 12/87: \$ 21.7 m  
Total Employees: 350  
Services: SysSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**ITT Corporation**

320 Park Avenue  
New York, NY 10022  
(212) 752-6000

Rand V. Arasky, Chairman

Total Revenue, FYE 12/88: \$ 8,551.0 m

Public

**Ivy Hill Corporation**

170 Vanick Street  
New York, NY 10013  
(212) 741-1404

Private

**IXI Sales & Services**

26344 Park Station  
Minneapolis, MN 55426  
(612) 933-8758

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Jack Henry & Associates, Inc.**

P.O. Box 807  
Monett, MO 65708  
(417) 235-6652

Jack Henry, President  
IS Revenue (US only), FYE 06/87: \$ 15.0 m  
Total Employees: 150  
Services: Tky  
Public

**Jade Simulations Intl.**

5001 13th Avenue N.W.  
Calgary T3B 1J1  
Alta  
Canada  
(403) 247-1144

Private

**Jadtec Computer Group**

546 W. Katella Avenue  
Orange, CA 92667  
(714) 997-8927

John A. Dieball, President  
Private

**James B. Hotze & Company**

5001 Bisfonnet  
Bellair, TX 77401  
(713) 664-1172

James B. Hotze, President  
IS Revenue (US only), FYE 12/87: \$ 0.5 m  
Total Employees: 5  
Services: Pfs ApplSW  
Private

**James H. Lowry & Associates**

303 E. Wacker Dr.  
Chicago, IL 60601  
(312) 861-1800

James H. Lowry, President  
Services: Pfs SysInt  
Private

**Jandel Scientific, Inc.**

65 Kotel Road  
Corte Madera, CA 94925  
(415) 924-8640

John Osborn  
Total Revenue, FYE 12/88: (Est) \$ 2.7 m  
IS Revenue: \$ 2.7 m  
Total Employees: 28  
Services: ApplSW  
Private

**Javelin Software Corporation**

One Kendall Square, Building 200  
Cambridge, MA 02139  
(617) 494-1400

Rob Firman, President  
IS Revenue (US only), FYE 01/87: \$ 1.8 m  
Total Employees: 15  
Services: ApplSW  
Private

**J. Baker & Associates Inc.**

7 Dearborn St., Suite 807  
Chicago, IL 60603  
(312) 459-3900

Jerry P. Baker, President  
Private

**J. B. Systems, Inc.**

21600 Oxnard Street  
(818) 340-9430

Pat Gehl, President  
Total Revenue, FYE 12/87: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 25  
Services: Pfs ApplSW Tky  
Private

**JCA Software, Inc.**

18201 Von Kasman Ave.  
Suite 410  
Irvine, CA 92715  
(714) 863-9500

Walter F. Turner, President  
Services: ApplSW  
Private

**J.D. Edwards & Company**

4949 S. Syracuse St.  
Suite 5500  
Denver, CO 80237  
(303) 773-3732

Ed McVancy  
IS Revenue (US only), FYE 01/87: \$ 14.4 m  
Total Employees: 225  
Services: Pfs ApplSW Tky  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**JEB Systems**

32 Daniel Webster Highway, #323  
Merrimack, NH 03054  
(603) 883-4662

James Brock, President

IS Revenue (US only), FYE 03/87: \$ 0.8 m  
Total Employees: 13  
Services: ApplSW  
Private

**Jefferson-Pilot Communications**

Subsidiaries/Divisions:

**Jefferson-Pilot Data Services, Inc.**

One Julian Place  
Charlotte, NC 28208  
(704) 529-3901

Mike Jones, President

Total Revenue, FYE 12/87: \$ 35.0 m  
IS Revenue: \$ 34.3 m  
Total Employees: 300  
Services: Proc ApplSW Tky

**Jefferson-Pilot Data Services, Inc.**

Please see Jefferson-Pilot Communications

**Jefferson Software**

# 2 Players Club Drive  
Charleston, WV 25511  
(304) 344-8550

Ty Gardner, President

Services: ApplSW  
Private

**Jetsoft**

170 Main Street  
East Falmouth, MA 02536  
(617) 548-6670

Private

**JIA Management & Consulting Group**

1299 Ocean Avenue, #333  
Santa Monica, CA 90401  
(213) 451-3041

Joseph Izzo, President

IS Revenue (US only), FYE 09/87: \$ 2.9 m  
Total Employees: 25  
Services: Pfs SysInt  
Private

**JMI Software Consultants**

904 Sheele Lane  
Spring House, PA 19477  
(215) 628-0840

John E. Brennan, President

Total Revenue, FYE 08/88: (Est) \$ 1.2 m  
IS Revenue: \$ 1.2 m  
Total Employees: 18  
Services: Pfs SysSW  
Private

**JobTrak Systems, Inc.**

7269 Flying Cloud Drive  
Eden Prairie, MN 55344  
(612) 829-0337

Gary Puffett, President

IS Revenue (US only), FYE 12/87: \$ 0.5 m  
Total Employees: 12  
Services: Tky  
Private

**John Blair & Company**

1290 Avenue of the Americas  
New York, NY 10104  
(212) 603-5000

Jack W. Fritz, President  
Public

**John Hancock Health Plans, Inc.**

Please see John Hancock Mutual Insurance

**John Hancock Mutual Insurance**

John Hancock Place  
Boston, MA 02117  
(617) 421-6000

Public

Subsidiaries/Divisions:

**John Hancock Health Plans, Inc.**

1009 Bradbury Drive, SE  
Albuquerque, NM 87106  
(505) 243-9781

Joel Kamer

IS Revenue (US only), FYE 12/87: \$ 10.7 m  
Total Employees: 400  
Services: Pfs

**Johnson Controls, Inc.**

Please see Johnson Controls, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**John Wiley & Sons**  
605 Third Avenue  
New York, NY 10158  
(212) 850-6000  
Private

**Joiner Associates, Inc.**  
3800 Regent Street  
P.O. Box 5445  
Madison, WI 53705-0445  
(608) 238-8637  
Brian Joiner, President  
IS Revenue (US only), FYE 12/87: \$ 3.5 m  
Total Employees: 40  
Services: SysSW  
Private

**Jonas & Erickson Software Technology Inc.**  
111 Gordon Baker Rd. Suite 900  
North York M2J4Y8  
Ontario  
Canada  
(416) 491-6620  
IS Revenue (US only), FYE 12/87: \$ 33.0 m  
Total Employees: 300  
Services: Tky  
Private

**Jones/Hosplex Systems, Inc.**  
145 Franken Turnpike  
Ramsey, NJ 07446  
(201) 934-1990  
Robert Pagnotta, President  
Services: ApplSW  
Public

**J.R. Computing**  
10215-178 Street  
Edmonton T5S 1M3  
Alberta  
Canada  
(403) 484-0157  
Private

**JTW Computer Systems, Inc.**  
521 S.W. 11th, Suite 200  
Portland, OR 97205  
(503) 667-8910  
Roger M. Mann, President  
Total Revenue, FYE 06/88: (Est) \$ 2.0 m  
Total Employees: 11  
Services: Pfs Proc ApplSW Tky  
Private

**Jurisoft, Inc.**  
763 Massachusetts Avenue  
Cambridge, MA 02139  
(617) 864-6151  
Richard Anders, President  
IS Revenue (US only), FYE 12/87: \$ 1.3 m  
Total Employees: 11  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Kapstrom**

5952 Royal Lane, Suite 124  
Dallas, TX 75230  
(214) 369-1718  
Private

**Kay Consulting, Inc.**

225 South Sepulveda Blvd., Suite 175  
Manhattan Beach, CA 90266  
(213) 379-4133

**Max Kay, President**

IS Revenue (US only), FYE 03/87: \$ 2.0 m  
Total Employees: 11  
Services: Pfs ApplSW  
Private

**Keane, Inc.**

Ten City Square  
Boston, MA 02129  
(617) 241-9200

**John F. Keane, President**

IS Revenue (US only), FYE 12/87: \$ 43.5 m  
Total Employees: 900  
Services: Pfs ApplSW Tky  
Public

**Kelinar Corporation**

Please see VM Systems Group

**Kemp Software Systems**

6040 W. Carlos Avenue  
Hollywood, CA 90028  
Private

**Kennen Publishing**

150 Shoreline Highway  
Building E  
Mill Valley, CA 94941  
(415) 332-5828

**Ed Dudkowski**

Total Revenue, FYE 12/88: (Est) \$ 0.5 m  
Total Employees: 25  
Private

**Kennerly Associates, Inc.**

6302 Merna Lane  
Lanham, MD 20706  
(301) 441-1390

**Raymond G. Kennerly II, President**

Services: Pfs Proc ApplSW Tky  
Private

**Kensinger Integrated Technology**

1355 Mendota Heights Road  
St. Paul, MN 55120  
(612) 688-0620

**Steve Kensinger**

Total Revenue, FYE 02/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 20  
Services: Pfs ApplSW  
Private

**Kent Russ & Associates**

213 Patton Dr.  
Shelby, NC 28150  
(704) 481-1313

**Kent Russ**

IS Revenue (US only), FYE 12/87: \$ 1.7 m  
Total Employees: 9  
Services: Pfs Tky  
Private

**Ketron Incorporated**

Private

Subsidiaries/Divisions:

**Ketron Management Science, Inc.**

1700 North Moore Street  
Suite 1710  
Arlington, VA 22209  
(703) 558-8701  
Carroll Nelson  
Total Employees: 300

**Ketron Management Science, Inc.**

Please see Ketron Incorporated

**Keydata Corporation**

85 E. Belcher Road  
Foxboro, MA 02035  
(617) 543-7921

**Robert M. Bienkowski, President**

Total Revenue, FYE 07/87: \$ 2.3 m  
Total Employees: 20  
Services: Proc Tky  
Public

**Key Enterprises**

1722 NE 3rd  
Amarillo, TX 79107  
(806) 372-8962

Private

**Key Entry, Inc.**

Please see Capital Bancorp

**CAMS 1988**  
**Directory of Information Services Companies**

**Key Financial Systems, Inc.**

44 Route 46  
Pine Brook, NJ 07058  
(201) 227-8800

James R. Sharkey, Jr., President  
Private

**Keymark Systems, Inc.**

6950 S.W. Hampton Street, Suite 340  
Portland, OR 97223  
(503) 684-3903

David Moyle, President  
Private

**Keypunch & Systems Support Inc.**

1 Central Avenue  
Tarrytown, NY 10591  
(914) 631-1757

Robert Denzau  
Services: Proc  
Private

**Key Software, Inc.**

2350 E. Devon Avenue, Suite 138  
Des Plaines, IL 60018  
(312) 298-3610

Private

**Key Solutions, Inc.**

111-G Shelley Avenue  
Campbell, CA 95008  
(408) 559-6226

Brian Gordon, President  
Services: ApplSW  
Private

**Keystone Computer Associates, Inc.**

1055 Virginia Drive  
Fort Washington, PA 19034  
(215) 643-3800

Leon E. Ellerson, President  
Services: Pfs ApplSW  
Private

**Key Systems, Inc.**

512 Executive Park  
Louisville, KY 40207  
(502) 897-3332

Thomas Palmer, President  
Services: Pfs ApplSW SysSW  
Private

**Kidd International Data Processing**

3180 Bladenburg Rd. N.E.  
Washington, DC 20018  
(202) 269-6250

Max Kidd, President  
Services: Proc  
Private

**Kimbrough Computer Sales, Inc.**

3705 Kipling Street  
Wheat Ridge, CO 80033  
(303) 425-0663

Fred Hughes

Total Revenue, FYE 12/88: (Est) \$ 15.0 m  
Total Employees: 80  
Private

**Kinburn Technology Group**

Private

Subsidiaries/Divisions:

**GeoVision Corporation**

1600 Carling Avenue, Suite 350  
Ottawa  
Ontario K1Z 8R7  
Canada  
(613) 722-9518

Doug Seaborn, President

IS Revenue (US only), FYE 08/87: \$ 9.0 m

Total Employees: 135

Services: Pfs ApplSW Tky

**KINETICS, Inc.**

2540 Camino Diable  
Walnut Creek, CA 94596  
(415) 947-0998

Services: Network  
Private

**Kinetics Technology International**

Public

Subsidiaries/Divisions:

**Cascade Graphics Systems**

2698 White Road  
Irvine, CA 92714  
(714) 474-6200

Glen Dunki, President

IS Revenue (US only), FYE 10/87: \$ 3.0 m

Total Employees: 24

Services: Pfs ApplSW SysSW Tky

**Kirchman Corporation (The)**

P.O. Box 2269  
Orlando, FL 32802  
(407) 837-3001

Kenneth P. Kirchman, President

IS Revenue (US only), FYE 12/87: \$ 48.7 m

Total Employees: 300

Services: ApplSW

Private

Subsidiaries/Divisions:

**CAMS 1988**  
**Directory of Information Services Companies**

**Florida Software Services, Inc.**  
711 East Altamonte Drive  
Altamonte Springs, FL 32701  
(305) 831-3001

Ken Kirchman, President  
Services: ApplSW

**Kleinschmidt**

450 Lake Cook Road  
Deerfield, IL 60015-4973  
(312) 945-1000

Harry Gaples, President  
Total Revenue, FYE 12/86: \$ 6.2 m  
IS Revenue: \$ 6.2 m  
Total Employees: 50  
Services: Pfs ApplSW Tky  
Private

**Knauer Consulting**

19 W. 34th Street  
New York, NY 10001  
(212) 714-0960

Ed Knauer, President  
Total Revenue, FYE 06/86: (Est) \$ 1.5 m  
IS Revenue: \$ 1.5 m  
Total Employees: 48  
Services: ApplSW  
Private

**Knight-Ridder, Inc.**

2100 W. 89th St.  
Leawood, KS 66706  
(913) 642-7373

IS Revenue (US only), FYE 12/87: \$ 54.0 m  
Services: Network  
Public

**Subsidiaries/Divisions:**

**DIALOG Information Services, Inc.**

3460 Hillview Avenue  
Palo Alto, CA 94304  
(415) 858-2700

Roger K. Summit, President  
Total Revenue, FYE 12/87: \$ 98.0 m  
IS Revenue: \$ 98.0 m  
Total Employees: 195  
Services: Pfs Proc

**Knoware, Inc.**

301 Kassar Street  
Cambridge, MA 02139  
(617) 576-3821

Private

**Knowledge Access International**

2685 Maune Way, Suite 1305  
Mountain View, CA 94043  
(415) 969-0606

Matilda Butler, CEO  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 15  
Services: Pfs Proc ApplSW  
Private

**Knowledge Data Systems**

102 West 500 South  
Suite 600  
Salt Lake City, UT 84101  
(801) 355-7100

Jim Durham, President  
Public

**KnowledgeWare, Inc.**

3340 Peachtree Road, N.E. Suite 100  
Atlanta, GA 30026  
(404) 231-8575

Fran Tarkenton, Chairman  
Total Revenue, FYE 06/88: (Est) \$ 15.0 m  
IS Revenue: \$ 15.0 m  
Total Employees: 110  
Services: ApplSW  
Private

**Knox Data**

23030 Lyons  
Newhall, CA 91304  
(805) 255-3552

R. Knox, President  
Total Revenue, FYE 06/86: (Est) \$ 1.0 m  
IS Revenue: \$ 0.6 m  
Total Employees: 12  
Services: Tky  
Private

**Knuth Computer Services, Inc.**

4 Walnut Place  
Hubbard, OH 44425  
(216) 534-1481

Joann K. Knuth, President  
Services: Proc ApplSW  
Private

**Koala Technologies**

3100 Patrick Henry Lane  
Santa Clara, CA 95050  
(408) 986-8866

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**KOCH Systems Corporation**

P.O. Box 2510  
70 Tenth Street  
San Francisco, CA 94126  
(415) 861-8900

David R. Lowar, President

Total Revenue, FYE 12/88: (Est) \$ 7.5 m

IS Revenue: \$ 7.5 m

Total Employees: 18

Services: ApplSW

Private

**Kowin Computer Corporation**

830 North Wilcox Avenue  
Montebello, CA 90640  
(213) 721-5500

Winston Kowin

Services: Tky

Private

**KPB Industries**

P.O. Box 6027  
Bethlehem, PA 19001  
(215) 866-1444

Private

**Kuck & Associates, Inc.**

1906 Fox Drive  
Champaign, IL 61820  
(217) 356-2288

Gary Guardia, President

Total Revenue, FYE 09/88: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 35

Services: ApplSW

Private

**Kurzweil Applied Intelligence, Inc.**

411 Waverly Oaks Road  
Waltham, MA 02154  
(617) 893-5151

Bernard F. Bradstreet

Total Employees: 60

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Laboratory Microsystems, Inc.**

P. O. Box 10430  
Marina Del Rey, CA 90295  
(213) 306-7412

Ray Duncan, President

Services: SysSW

Private

**Lake Avenue Software**

650 Sierra Madre Villa  
Suite 204  
Pasadena, CA 91107-2013  
(818) 351-5483

Rick Guerrero

Total Revenue, FYE 01/88: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 18

Services: Pfs ApplSW

Private

**Landmark Graphics Corporation**

333 Cypress Run  
Suite 100  
Houston, TX 77094  
(713) 579-4700

C.E. Ennis, President

IS Revenue (US only), FYE 06/87: \$ 29.5 m

Total Employees: 85

Services: Tky

Private

**Landmark Software Systems, Inc.**

155 W. Main Street  
P.O. Box 996  
Somerville, NJ 08876  
(201) 722-5100

Melvyn L. Toomey, President

Services: Pfs ApplSW

Private

**Landmark Systems Corporation**

8000 Towers Crescent Drive  
Vienna, VA 22180  
(703) 922-7101

Patrick McGettigan, President

Total Revenue, FYE 12/87: \$ 13.0 m

Total Employees: 120

Services: SysSW

Private

**Langenbacher Data Systems**

12400 Olive Blvd., Suite 350  
St. Louis, MO 63141  
(314) 533-2288

William B. Langenbacher, President

Services: Pfs Proc

Private

**Language Processors Inc.**

400-1 Totten Pond Road  
Waltham, MA 02154  
(617) 890-1155

Total Revenue, FYE 12/87: (Est) \$ 7.5 m

Total Employees: 50

Services: Pfs SysSW

Private

**Language Technology Inc.**

27 Congress Street  
Salem, MA 01970  
(617) 741-1507

William D. Engel, President and CEO

Total Revenue, FYE 12/88: (Est) \$ 5.0 m

IS Revenue: \$ 5.0 m

Total Employees: 60

Services: SysSW

Private

**Lanquest Group**

3375 Scott Blvd.  
Suite 206  
Santa Clara, CA 95054  
(408) 727-9446

G. James, President

Total Revenue, FYE 09/88: (Est) \$ 1.0 m

IS Revenue: \$ 1.0 m

Total Employees: 10

Services: SysInt

Private

**Lantech Systems, Inc.**

9635 Wendell Road  
Dallas, TX 75243  
(214) 340-4932

Cory Preville, V.P. Sales

Services: ApplSW

Private

**Lattice, Inc.**

Please see SAS Institute, Inc.

**Lattice Logic USA**

3333 Bowers Avenue, Suite 199  
Santa Clara, CA 95054  
(408) 748-9797

Alex Bennett, President

Services: ApplSW Tky

Private

**Lawson Associates**

2021 E. Hennepin Ave.  
Minneapolis, MN 55413  
(612) 379-2633

Ken Holec, President

IS Revenue (US only), FYE 01/87: \$ 16.0 m

Total Employees: 220

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Layered Inc.**

The Schrafft Center  
529 Main Street  
Boston, MA 02129  
(617) 242-7700

Stephen Burakoff, President

Total Revenue, FYE 12/88: (Est) \$ 7.5 m

IS Revenue: \$ 7.5 m

Total Employees: 70

Services: ApplSW

Private

**LBMS, Plc**

London  
England

Private

Subsidiaries/Divisions:

**Learmonth & Burchett Management  
Systems, Inc.**

2900 N. Loop West, # 800

Houston, TX 77092

(713) 682-8530

John Bantleman, Executive Vice President

Total Revenue, FYE 04/88: (Est) \$ 21.6 m

IS Revenue: \$ 21.6 m

Total Employees: 30

Services: Pfs ApplSW

**LBM Systems Corp.**

251 Park Avenue South

New York, NY 10010

(212) 477-1005

Ben Buonomo, President

Services: ApplSW Tk

Private

**LCS Industries, Inc.**

120 Brighton Rd.

Clifton, NJ 07012

(201) 778-5588

Arnold J. Scheine, President

Total Revenue, FYE 09/86: \$ 36.3 m

IS Revenue: \$ 32.0 m

Total Employees: 500

Services: Proc

Public

**Leading Edge Products**

110 Cedar St.

Wellesley, MA 02181

(617) 828-8150

Michael Share, CEO

Services: ApplSW

Private

**Leadtrack Services**

595 Colonial Park Dr., Suite 302

Roswell, GA 30075

(404) 587-0412

Norman R. Koltys, President

IS Revenue (US only), FYE 12/87: \$ 0.5 m

Total Employees: 6

Services: ApplSW

Private

**Learmonth & Burchett Management  
Systems, Inc.**

Please see LBMS, Plc

**Learned-Mahn, Inc.**

1109 Main Street

Suite 333

Boise, ID 83701-1488

(208) 336-2281

Nancy Learned

Total Revenue, FYE 12/87: (Est) \$ 0.5 m

IS Revenue: \$ 0.5 m

Total Employees: 20

Services: Pfs ApplSW

Private

**Learning Company (The)**

545 Middlefield Road

Menlo Park, CA 94025

(415) 328-5410

William Dinsmore, President

Services: ApplSW

Private

**Learning Tools Inc.**

686 Massachusetts Avenue

Cambridge, MA 02139

(617) 864-8086

Kirk Wilson, President

Services: Pfs

Private

**Learning Well**

200 South Service Road

Roslyn Heights, NY 11577

David Savitsky, President

Services: ApplSW

Private

**LeMans Group (The)**

455 South Gaugh

King of Prussia, PA 19406

(215) 337-8686

James Connor, President

Total Revenue, FYE 12/86: (Est) \$ 3.0 m

IS Revenue: \$ 3.0 m

Total Employees: 35

Services: ApplSW

Private



**CAMS 1988**  
**Directory of Information Services Companies**

**LETRASET**

Public

Subsidiaries/Divisions:

**Letraset USA**

40 Eisenhower Drive  
Farmus, NJ 07653  
(201)845-6100  
Don McCowan, General Manager  
Total Employees: 100  
Services: ApplSW

**Letraset USA**

Please see LETRASET

**Levi, Ray & Shoup, Inc.**

2387 W. Monroe Street  
Springfield, IL 62704  
(217) 793-3800  
Richard Levi, President  
IS Revenue (US only), FYE 07/87: \$ 6.0 m  
Total Employees: 37  
Services: Pfs Proc SysSW  
Private

**Lewis Lee Corporation**

352 Fulton Street  
Palo Alto, CA 94301  
(415) 853-1220  
Daniel Lewis, President  
Private

**Lexeme Corporation**

Four Station Square  
Suite 250 Commerce Ct.  
Pittsburgh, PA 15219-1119  
(412) 281-5454  
Michael Inn Shamos, President  
Services: Pfs SysInt  
Private

**Lexisoft, Inc.**

P.O. Box 1950  
Davis, CA 95617  
(916) 758-3630  
Services: ApplSW  
Private

**Libra Corporation**

1954 East 7000 South  
Salt Lake City, UT 84121  
(801) 943-2084  
William A. Maasberg Jr., President  
Total Revenue, FYE 12/88: (Est) \$ 8.0 m  
IS Revenue: \$ 8.0 m  
Total Employees: 75  
Services: ApplSW  
Private

**L.I.D.P.**

6825 Hobson Valley Dr.  
Suite 201  
Woodridge, IL  
(312) 369-6832  
Bill Schecker, President  
IS Revenue (US only), FYE 10/87: \$ 1.4 m  
Total Employees: 15  
Services: ApplSW  
Private

**Lifeboat Associates**

55 S. Broadway  
Terrytown, NY 10591  
(914) 332-1875  
Roger Paropies, CEO  
IS Revenue (US only), FYE 12/87: \$ 6.0 m  
Total Employees: 60  
Services: ApplSW  
Private

**Life Insurance Data Processing  
(LIDP Consulting Services)**

6825 Hobson Valley Drive, Suite 201  
Woodridge, IL 60517  
(312) 369-6832  
William Schnittkes, President  
IS Revenue (US only), FYE 10/87: \$ 1.4 m  
Total Employees: 15  
Services: ApplSW  
Private

**Lifetree Software, Inc.**

411 Pacific Avenue  
3rd Floor  
Monterey, CA 93940  
(408) 373-4718  
Ed Sattizahn, President  
Total Revenue, FYE 12/87: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 30  
Services: ApplSW  
Private

**L'Industrielle-Services Techniques Inc.**

2 Complexe Desjardins, Suite 1317  
Montreal  
Quebec  
Canada  
(514) 284-1111  
Maurice Martel, President  
Services: Pfs Proc  
Private

**LISP Machine, Inc.**

175 Cabot Street  
Lowell, MA 01854  
(617) 458-9100  
Ward McKenzie, President  
Services: Proc  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Litton Computer Services**

Please see Litton Industries, Inc.

**Litton Industries, Inc.**

360 North Crescent Drive  
Beverly Hills, CA 90210  
(213) 859-5000

Orion L. Hoch, President  
Public

**Subsidiaries/Divisions:**

**Litton Computer Services**

1300 Villa Street  
P.O. Box 7113  
Mountain View, CA 94039-7113  
(415) 966-1771

Henry Bodurka, President

Total Revenue, FYE 07/88: (Est) \$ 100.0 m

Total Employees: 1,000

Services: Pfs Proc

**Western Geophysical**

Houston, TX 77252  
(713) 789-9600

IS Revenue (US only), FYE 01/87: \$ 45.0 m

Total Employees: 5,000

Services: Proc

**Living Videotext, Inc.**

2432 Charleston Road  
Mountain View, CA 94043  
(415) 964-6300

Dave Winer, President

Total Revenue, FYE 12/86: \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 30

Services: ApplSW

Public

**Lloyd Bush & Associates**

156 William Street  
New York, NY 10038  
(212) 962-4004

Lloyd A. Bush, President

Total Revenue, FYE 12/87: \$ 3.0 m

IS Revenue: \$ 0.8 m

Total Employees: 45

Services: ApplSW SysSW

Private

**L & L Products, Inc.**

Box A-57  
Hanover, NH 03755  
(603) 643-4503

Peter Stanzel, President

Total Revenue, FYE 12/87: \$ 0.5 m

IS Revenue: \$ 0.5 m

Total Employees: 4

Services: ApplSW

Private

**LoBue Associates Inc.**

1135 Clifton Avenue  
Clifton, NJ 07013  
(201) 778-7007

Carl A. Lobue, President

Services: Pfs

**Local Area Telecommunications, Inc.**  
**(LOCATE)**

17 Battery Place, Suite 1935  
New York, NY 10004  
(212) 509-5111

Pericles Spirakis, CEO

Services: Proc

Private

**Lockheed Corporation**

4500 Park Granada Blvd.  
Calabasas, CA 91377  
(818) 712-2000

Lawrence O. Kitchen

IS Revenue (US only), FYE 12/87: \$ 217.0 m

Services: Pfs Proc Network ApplSW Tky

Public

**Subsidiaries/Divisions:**

**DataCom Systems Corp.**

Glenpoint W. Center East  
300 Frank Burr Blvd.  
Teaneck, NJ 07666

(201) 692-2900

Joseph A. Delario, President

Services: ApplSW

**Lockheed Datacom**

300 F. W. Burr Blvd.  
Teaneck, NJ 07666  
(201) 692-2900

A. Curtis

Total Revenue, FYE 12/87: (Est) \$ 20.0 m

IS Revenue: \$ 20.0 m

Total Employees: 500

Services: Proc

**Lockheed DataPlan, Inc.**

121 Albright Way  
Los Gatos, CA 95030  
(408) 866-7611

George Wickers, Acting President

**CAMS 1988**  
**Directory of Information Services Companies**

**Metier Management Systems, Inc.**

5884 Point West Drive  
Houston, TX 77036  
(713) 988-9100

Robin W.I. Lodge, President  
Services: ApplSW Tky

**Sanders Associates Inc.**

Daniel Webster Highway, South  
Nashua, NH 03061  
(603) 885-4321

IS Revenue (US only), FYE 12/87: \$ 13.5 m  
Total Employees: 7,500  
Services: Tky

**Lockheed Datacom**

Please see Lockheed Corporation

**Lockheed DataPlan, Inc.**

Please see Lockheed Corporation

**Lode Data Systems, Inc.**

7000 W. 111th Street  
Worth, IL 60482  
(312) 448-8288

Brian Lode, President  
Services: Pfs ApplSW  
Private

**Logica Data Architects, Inc.**

Please see Logica, PLC

**Logical Choice (The)**

150 Richmond Terrace  
Staten Island, NY 10301  
(212) 490-2010

Georga Talbot, President  
IS Revenue (US only), FYE 03/87: \$ 0.3 m  
Total Employees: 9  
Services: ApplSW Tky  
Private

**Logical Data Corporation**

5240 Babcock Street, N.E., Suite 300  
Palm Bay, FL 32905  
(407) 725-2537

Rick Whitworth, President  
Services: Pfs ApplSW SysSW  
Private

**Logical Data Management**

529 South Second Ave.  
Covina, CA 91723-3098  
(818) 967-1506

Ricardo Brutucao, President  
Services: Pfs Proc ApplSW Tky  
Private

**Logical Operations Inc.**

240 East Avenue  
Rochester, NY 14604  
(716) 262-2226

Barry Keesan, President  
Total Revenue, FYE 06/88: (Est) \$ 5.0 m  
IS Revenue: \$ 5.0 m  
Total Employees: 80  
Services: Pfs  
Private

**Logica, PLC**

Public

Subsidiaries/Divisions:

**Logica Data Architects, Inc.**

245 Winter St.  
Waltham, MA 02154  
(617) 890-7730

Martin Cooperstein  
IS Revenue (US only), FYE 11/87: \$ 35.4 m  
Total Employees: 304  
Services: Pfs ApplSW

**Logicon, Inc.**

3701 Skypark Dr.  
Torrance, CA 90505  
(213) 373-0220

John R. Woodhull, President  
IS Revenue (US only), FYE 03/87: \$ 178.0 m  
Total Employees: 2,500  
Services: Pfs  
Public

**Logisticon**

4001 Burton Drive  
Santa Clara, CA 95054  
(408) 988-3811

Fred Laccabue, President  
Total Revenue, FYE 12/88: (Est) \$ 8.0 m  
IS Revenue: \$ 6.0 m  
Total Employees: 45  
Services: Tky  
Private

**Logistics Systems**

95 Wells Avenue  
Newton, MA 02159  
(617) 965-1111

Donald Shapiro, President  
IS Revenue (US only), FYE 12/87: \$ 3.7 m  
Total Employees: 45  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Logos Corporation**

1 Dedham Place  
Dedham, MA 02026  
(617) 326-7600

William Hohenstein, President

Total Revenue, FYE 12/88: (Est) \$ 8.0 m

IS Revenue: \$ 8.0 m

Total Employees: 100

Services: ApplSW

Private

**Loki Engineering, Inc.**

55 Wheeler St.  
Cambridge, MA 02138  
(617) 576-0666

Arnold Epstein, President

Services: Pfs

Private

**Lomas-Nettleton Financial Corporation**

1750 Regal Row 1st Floor  
Dallas, TX 75235

Private

**Subsidiaries/Divisions:**

**Lomas & Nettleton Information Systems**

1750 Regal Row  
Dallas, TX 75235  
(214) 879-5122

Matt Jacobs, CEO

IS Revenue (US only), FYE 06/87: \$ 25.1 m

Total Employees: 450

Services: Proc ApplSW

**Symbolics Financial Systems, Inc.**

1740 North Collins Blvd.  
Richardson, TX 75081  
(214) 238-5750

Gerry Nelson, President

Services: ApplSW

**Lomas & Nettleton Information Systems**

Please see Lomas-Nettleton Financial Corporation

**Lone Star Micro**

4239 Herschel Ave  
Dallas, TX 75219  
(214) 521-2931

Private

**Lotus Development Corporation**

55 Cambridge Parkway  
Cambridge, MA 02142  
(617) 577-8500

Jim P. Manzi, President

Total Employees: 1,350

Services: ApplSW

Public

**Subsidiaries/Divisions:**

**Graphic Communications**

200 Fifth Avenue  
Waltham, MA 02254  
(617) 890-8778

Services: ApplSW

**Loud Consulting (The) Corp.**

P.O. Box 7337  
Wilton, CT 06897  
(516) 794-9200

Douglass Loud, President

IS Revenue (US only), FYE 07/87: \$ 0.8 m

Total Employees: 6

Services: Pfs ApplSW SysSW SysInt

Private

**Louis A. Wright & Associates**

44567 Pinetree Drive  
Plymouth, MI 48170  
(313) 459-7760

Louis A. Wright, President

IS Revenue (US only), FYE 12/87: \$ 8.6 m

Total Employees: 65

Services: Pfs ApplSW SysInt

Private

**LPC, Inc.**

1200 Roosevelt Road  
Glenn Ellyn, IL 60137-6098  
(312) 932-7000

Lawrence W. Olson, President

Total Revenue, FYE 05/88: (Est) \$ 5.0 m

IS Revenue: \$ 5.0 m

Total Employees: 70

Services: Proc ApplSW

Private

**LSI Logic Corporation**

1551 McCarthy Blvd.  
Milpitas, CA 95035  
(408) 433-8000

Wilfred Corrigan, Chairman

Total Revenue, FYE 12/88: (Est) \$ 375.0 m

Total Employees: 2,500

Services: ApplSW

Public

**Lundy Electronic & Systems, Inc.**

Please see Trans Technology, Inc.

**LWFW, Inc.**

12700 Park Central, Suite 1805  
Dallas, TX 75251  
(214) 233-5561

Gary S. Thompson, President

IS Revenue (US only), FYE 04/87: \$ 5.3 m

Total Employees: 40

Services: Pfs

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Lynch Data Processing**

444 N. Wabash Avenue  
Chicago, IL 60611  
(312) 527-1077

John Lynch, President

IS Revenue (US only), FYE 06/87: \$ 1.0 m

Total Employees: 10

Services: Proc

Private

**Lyon Metal Products**

PO Box 671  
Aurora, IL 60507  
(312) 892-8941

Public

**Lyttron Systems**

1675 North 200 West, Bldg. #2

Provo, UT 84604

(801) 373-6604

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**M2C5 Systems, Inc.**

13209 Indian School Road, NE  
Albuquerque, NM 87112  
(505) 292-5297

Private

**MacKinney Systems**

2674-A S. Glenstone Avenue  
Suite 112  
Springfield, MO 65804  
(417) 882-8012

Steve MacKinney

Total Revenue, FYE 12/88: (Est) \$ 1.4 m

IS Revenue: \$ 1.4 m

Total Employees: 7

Private

**MacMillan, Inc.**

866 Third Avenue  
New York, NY 10022  
(212) 702-2000

William F. Reilly, President

Public

Subsidiaries/Divisions:

**MacMillan Software**

866 3rd Ave  
New York, NY 10022  
(716) 222-0070

Robert Benoh, President

**Standard Rate & Data Service, Inc.**

3004 Glenview Road  
Wilmette, IL 60091  
(312) 256-6067

Leonard R. Kudlata, President

**MacMillan Software**

Please see MacMillan, Inc.

**MacNeal-Schwendler Corporation (The)**

815 Colorado Blvd.  
Los Angeles, CA 90041  
(213) 258-9111

Joseph F. Gloudeman, President

IS Revenue (US only), FYE 01/87: \$ 34.5 m

Total Employees: 223

Services: ApplSW

Public

**M/A-Com, Inc.**

7 New England Executive Park  
Burlington, MA 01803  
(617) 272-9600

Frank A. Brand, President

Total Revenue, FYE 09/86: \$ 577.5 m

Public

Subsidiaries/Divisions:

**M/A-Com Information Systems, Inc.**

6011 Executive Blvd.  
Rockville, MD 20852  
(301) 770-1150

Carl English, President

Services: Pfs ApplSW Tky

**M/A-Com Information Systems, Inc.**

Please see M/A-Com, Inc.

**MAGCARD Services, Inc.**

6420 E. Broadway  
Suite B-200  
Tucson, AZ 85710  
(602) 748-0676

John Hunnicutt

IS Revenue (US only), FYE 12/87: \$ 2.0 m

Total Employees: 30

Services: Proc

Private

Subsidiaries/Divisions:

**Magnum Computer Corporation**

6420 E. Broadway, Suite B-357  
Tucson, AZ 85710  
(602) 748-0676

John Hunnicutt, President

Services: Pfs Proc

Private

**Magee Enterprises**

6577 Peachtree Industrial Blvd.  
Norcross, GA 30092-3796  
(404) 446-6611

Services: ApplSW

Private

**Magic Software, Inc.**

1706 Galvin Road South  
Bellevue, NE 68005  
(402) 330-2310

Cliff Foster, President

Services: ApplSW SysSW

Private

**Magnum Computer Corporation**

Name changed. Please see MAGCARD Services, Inc.

**MAI Basic Four, Inc.**

14101 Myford Road  
Tustin, CA 92680  
(714) 731-5100

William B. Patton, Jr., President

Total Revenue, FYE 09/87: (Est) \$ 321.0 m

IS Revenue: \$ 321.0 m

Total Employees: 4,585

Services: SysInt

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Mailhouse, Inc.**

8711 Lendale Avenue South  
Minneapolis, MN 55420  
(612) 881-8888

Kevin Egan, President  
IS Revenue (US only), FYE 03/87: \$ 4.0 m  
Total Employees: 200  
Services: Proc  
Private

**Mainstay Software**

1745 Stout Street,  
Suite 201  
Denver, CO 80202  
(303) 298-8961

Dan Walkovitz, President  
Total Revenue, FYE 06/88: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 12  
Services: Pfs ApplSW SysSW  
Private

**Mainstem Division**

Please see IntelliTEK Computer Corporation

**Main Street Software**

1 Harbor Dr.  
Sausalito, CA 94965  
(415) 332-1274

Larry Miller, President  
Services: ApplSW  
Private

**Managed Applied Programming, Inc.**

6420 Wilshire Boulevard  
Suite 200  
Los Angeles, CA 90048  
(213) 658-7220

Total Employees: 110  
Private

**Management Computer Services, Inc.**

2790 Fisher Road  
Columbus, OH 43204  
(614) 272-0202

Donald A. Turner, President  
Services: Pfs Proc ApplSW Tky  
Private

**Management Cybernetics International  
(MCI)**

1567 Mt. Vernon Road  
P.O. Box 888467  
Atlanta, GA 30338  
(404) 393-1144

Services: ApplSW Tky  
Private

**Management Data Communications**

9701 W. Higgins Road  
Rosemont, IN 60018  
(312) 696-1300

Fred Coyle, President  
Total Revenue, FYE 12/87: (Est) \$ 15.0 m  
Total Employees: 200  
Services: Proc ApplSW  
Private

**Management Decision Systems, Inc.**

Acquired. Please see Information Resources, Inc.

**Management Design, Inc.**

2851 S. Parker Rd., Suite 1080  
Aurora, CO 80014  
(303) 696-6501

Mark C. Smith, President  
Services: Pfs SysInt  
Private

**Management Dynamics**

612 East Grassy Sprain Rd.  
Treetops Estate  
Yonkers, NY 10710  
(914) 793-7300

Private

**Management Reports Incorporated**

23945 Mercantile Road  
Cleveland, OH 44122  
(216) 464-3225

Dave Snyder, President  
Total Revenue, FYE 10/86: \$ 9.0 m  
IS Revenue: \$ 5.8 m  
Total Employees: 160  
Services: Pfs Proc  
Private

**Management Science America, Inc.**

3445 Peachtree Road, N.E.  
Atlanta, GA 30326-1276  
(404) 239-2000

John P. Imlay, Jr., President  
IS Revenue (US only), FYE 12/87: \$ 199.0 m  
Total Employees: 2,700  
Services: Pfs ApplSW  
Public

**Subsidiaries/Divisions:**

**Information Associates, Inc.**

3000 Ridge Road E  
Rochester, NY 14622  
(716) 467-7740

John G. Robinson  
Total Revenue, FYE 12/88: (Est) \$ 20.0 m  
IS Revenue: \$ 20.0 m  
Total Employees: 334  
Services: Pfs ApplSW

**CAMS 1988**  
**Directory of Information Services Companies**

**Management Sciences, Inc.**

6022 Constitution Avenue, Suite 3  
Albuquerque, NM 87110  
(505) 255-8611

Marlene Bremele, President

IS Revenue (US only), FYE 10/87: \$ 0.8 m

Total Employees: 16

Services: ApplSW

Private

**Management Services, Inc.**

P.O. Box 12078  
Atlanta, GA 30355  
(404) 851-0007

Private

**Management Systems Corporation**

5201 Green Street, Suite 100  
P.O. Box 72530  
Salt Lake City, UT 84107-2530  
(801) 264-2900

Bill Weft, President

Private

**Management Techniques, Inc.**

149 California  
Newton, MA 02158  
(617) 244-7468

Stanley Shein, President

IS Revenue (US only), FYE 07/87: \$ 0.5 m

Total Employees: 10

Services: Tky

Private

**Management Technologies, Inc.**

One Penn Plaza, Suite 1010  
New York, NY 10001  
(212) 239-8224

Barrington J. Fludgate, President

Total Revenue, FYE 04/88: (Est) \$ 4.5 m

IS Revenue: \$ 4.5 m

Total Employees: 111

Services: ApplSW

Public

**Manager Software Products, Inc.**

131 Hartwell Ave.  
Lexington, MA 02173-3126  
(617) 863-5800

David DeCosta, President

IS Revenue (US only), FYE 12/87: \$ 13.0 m

Total Employees: 260

Services: ApplSW SysSW

Private

**Manifold, Inc.**

1655 Greenfield Avenue, Suite 7  
Los Angeles, CA 90025

Private

**Manof Communications Systems Inc.**

Please see Manof Systems, Limited ISRAEL

**Manof Systems, Limited ISRAEL**

Israel

Private

Subsidiaries/Divisions:

**Manof Communications Systems Inc.**

211 E. 43 Street  
New York, NY 10017  
(212) 490-2010

Jacob Shalev, President

Services: Tky

**ManTech International Corporation**

Subsidiaries/Divisions:

**SEED Software Corp.**

5904 Richmond Highway  
Alexandria, VA 22030  
(703) 960-8800

Joe Borkoski, President

Total Employees: 25

Services: Pfs

**Manufacturers Hanover Corporation**

270 Park Avenue  
New York, NY 10017  
(212) 286-2000

John R. Torell III, President

Public

**Manufacturers of Integrated Computer Applications, Inc.**

6101 S. Rural Rd., #101  
Tempe, AZ 85283  
(602) 897-9576

Frank Roberts, President

Services: Pfs ApplSW

Private

**Manufacturers & Traders Trust**

1 M & T Plaza  
Buffalo, NY 14240  
(716) 842-4200

Private

Subsidiaries/Divisions:

**First Operations Resource, Incorporated**

Center Sq. & Beckett Rds.  
Swedesboro, NJ 08085  
(609) 467-4040

Albert Petersen, President

Total Employees: 94

Services: Proc



**CAMS 1988**  
**Directory of Information Services Companies**

**Manufacturing and Consulting Services, Inc.**

9500 Toledo Way  
Irvine, CA 92718  
(714) 951-8858

Mr. Patrick Hanratty, President

Services: ApplSW

Private

**Manufacturing Data Systems, Inc.**

Merged with Schlumberger CAD/CAM

**Manufacturing Decision Support Systems**

Please see Milton Allen & Associates, Inc.

**Manufacturing Resource Management, Inc.**

(MRM)

250 N. Patrick Blvd., Suite 150  
Brookfield, WI 53005  
(414) 792-0400

William Wassweler, President

Services: Pfs ApplSW

Private

**Manus Services Corporation**

1130 Rainier Avenue S.  
P.O. Box C-440406  
Seattle, WA 98114  
(206)-325-2200

Clifford M. Asplund, President

Private

**Maple Plain Company**

Please see Carlson Marketing Group

**Marathon Data Systems, Inc.**

429 Sand Shore Road  
Hackettstown, NJ 07840  
(201) 852-6600

Lee Gruber, President

Services: Tky

Private

**Marcam Data Systems Corporation**

19 Crawford St.  
Needham, MA 02192  
(617) 449-5510

Services: ApplSW

Private

**M/A/R/C, Inc.**

7850 N. Belt Line Road  
Irving, TX 75063  
(214) 506-3400

Sharon Munger, President

IS Revenue (US only), FYE 03/87: \$ 63.0 m

Total Employees: 400

Services: Pfs ApplSW

Public

**MARC Software International, Inc.**

260 Sheridan Avenue  
Suite 200  
Palo Alto, CA 94306  
(415) 326-1971

Pedro V. Marcal, President

Services: Pfs ApplSW

Private

**Marine Bancorp, Inc.**

Private

Subsidiaries/Divisions:

**Professional Computer Associates, Inc.**

3823 West 12th St.  
Erie, PA 16505  
(814) 838-6571

Ed Berger, President

Services: Pfs Proc

**Marine Bank Service Corporation**

Please see Marine Corporation

**Marine Corporation**

East Old State Capitol Plaza  
Springfield, IL 62701  
(217) 525-9600

Private

Subsidiaries/Divisions:

**Marine Bank Service Corporation**

1000 N. Market St.  
Milwaukee, WI 53201  
(414) 765-3000

James W. Eyster, President

**Marine Management Systems, Inc.**

102 Hamilton Avenue  
Stamford, CT 06902  
(203) 327-6404

Eugene D. Story, President

Services: Pfs Proc ApplSW Tky

Private

**Mariposa Corporation**

3 Harbor Drive, Suite 111  
Sausalito, CA 94965  
(415) 331-3650

Kathleen Avery, President

Services: Pfs

Private

**Maritime Computer Corporation**

Name changed. Please see MCC Corporation

**CAMS 1988**  
**Directory of Information Services Companies**

**Marketing and Systems Development Corp.**

1200 Wall Street West  
Lyndhurst, NJ 07071  
(201) 935-9200  
Thomas Pucci, President  
Private

**Marketing Communications, Inc.**

10605 West 84th Terrace  
Lenexa, KS 66214  
(913) 492-1575

Robert White, President  
Total Revenue, FYE 12/86: (Est) \$ 12.0 m  
IS Revenue: \$ 9.0 m  
Total Employees: 120  
Services: Proc  
Private

**Marketing Information Systems, Inc.**

906 University Place  
Evanston, IL 60201  
(312) 491-3885

John Kennedy, President  
IS Revenue (US only), FYE 12/87: \$ 1.4 m  
Total Employees: 12  
Services: ApplSW  
Private

**Marketing Systems Development Corp.**

1200 Wall St. West  
Lyndhurst, NJ 07071  
Bob Hillbrecht, President  
Services: Pfs  
Private

**Marketview Software, Inc.**

2020 Dean Street  
Unit D-1  
St. Charles, IL 60174  
(312) 377-7280  
Private

**Mark Williams Company**

1430 W. Wrightwood Ave.  
Chicago, IL 60659  
(312) 472-6659  
R. Swartz, President  
Services: ApplSW  
Private

**Marlum Management Corporation**

3072 Crompond Road  
P.O. Box 66  
Yorktown Heights, NY 10598  
(914) 245-6600

James P. Lambert, President  
Services: Pfs ApplSW  
Private

**Marmon Group (The)**

39 South LaSalle Street  
Chicago, IL 60603  
(312) 372-9500

Robert A. Pritzker, President  
IS Revenue (US only), FYE 12/87: \$ 3.0 m  
Total Employees: 75  
Services: Pfs  
Private

**Marshall & Isley Corporation**

770 N. Water Street  
Milwaukee, WI 53201  
Public

**Subsidiaries/Divisions:**

**M & I Data Services**

770 N. Water St.  
Milwaukee, WI 53202  
(414) 357-2300

Robert Seidell, President  
IS Revenue (US only), FYE 12/87: \$ 64.8 m  
Total Employees: 1,100  
Services: Proc Network ApplSW

**Marshall & Stevens, Inc.**

600 S. Common Wealth, Suite 915  
Los Angeles, CA 90005  
(213) 385-1515

Alex D. Shlach, President  
Services: Pfs  
Private

**Marsh and McLennan**

**Subsidiaries/Divisions:**

**Temple, Barker and Sloane**

33 Hayden Avenue  
Lexington, MA 02173  
(617) 861-7580

Carl Sloane, President  
IS Revenue (US only), FYE 12/87: \$ 50.0 m  
Total Employees: 400  
Services: Pfs

**Martec Computer Services Co.**

P. O. Box 162559  
1425 Greenway  
Irving, TX 75308  
(214) 630-1240

James McNeff  
Services: Proc  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Martek, Inc.**

825 N. Cass Avenue  
Corporate Square, Suite 116  
West Mont, IL 60559  
(800) 323-6885  
Services: ApplSW Tky  
Private

**Martel Laboratories, Inc.**

7100 30th Avenue N.  
Saint Petersburg, FL 33710  
(813) 345-0100  
Gary Reed, President  
IS Revenue (US only), FYE 09/87: \$ 22.0 m  
Total Employees: 310  
Services: Pfs  
Public

**Martin and Stern, Inc.**

2615 Pacific Coast Highway  
Hermos Beach, CA 90254  
(213) 318-3561  
Dan Stern, President  
Services: Pfs  
Private

**Martin Marietta Corporation**

6801 Rockledge Drive  
Bethesda, MD 20817  
(301) 897-6000  
Total Revenue, FYE 12/86: \$ 4,752.5 m  
Public

**Subsidiaries/Divisions:**

**Martin Marietta Data Systems**

6303 Ivy Lane  
Greenbelt, MD 20770  
(301) 982-6500  
Frederick H. Hudoff, President  
Total Revenue, FYE 12/86: \$ 467.4 m  
IS Revenue: \$ 130.8 m  
Total Employees: 5,500  
Services: Pfs Proc ApplSW

**Martin Marietta Information Systems Group**

6801 Rockledge Drive  
Bethesda, MD 20817  
(301) 982-6500  
Dan A. Peterson, President  
IS Revenue (US only), FYE 12/87: \$ 205.8 m  
Total Employees: 10,000  
Services: Pfs Proc ApplSW SysInt Tky

**Martin Marietta Data Systems**

Please see Martin Marietta Corporation

**Martin Marietta Information Systems Group**

Please see Martin Marietta Corporation

**Maryland Casualty Co.**  
3910 Keswick Road  
Baltimore, MD 21203  
(301) 366-1000  
Public

**Mason Best Company**

515 Post Oak Boulevard  
Houston, TX 75201  
(214) 754-2690

**Subsidiaries/Divisions:**

**Safeguard Business Systems, Inc**  
400 Maryland Drive  
Fort Washington, PA 19034  
(215) 641-5000  
Vincent G. Bell, Jr., Chairman  
Services: Proc Tky

**Massachusetts System Company**

28 Edgehill Road  
Waltham, MA 02154  
(617) 891-1874  
Jerry Cohn, President  
Services: Pfs ApplSW  
Private

**MASSCOMP**

Merged with Concurrent Computer Corporation

**Mastercard International, Inc.**

888 7th Ave.  
23rd Floor  
New York, NY 10101  
(212) 974-5700  
IS Revenue (US only), FYE 01/87: \$ 165.2 m  
Services: Proc Network  
Private

**Master Software Corporation**

Please see Epsilon Data Management, Inc.

**Master Systems**

335 Village Square  
Orinda, CA 94563  
(415) 254-2683  
Stuart D. Proffitt, President  
Services: Pfs ApplSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Mathematical Applications Group,  
Inc. (MAGI)**

3 Westchester Plaza  
Elmsford, NY 10523  
(914) 592-4646  
Arlene Rosenbaum, President  
Total Revenue, FYE 03/86: \$ 7.0 m  
Total Employees: 70  
Services: Pfs Proc  
Public

**Matlan Silver Group (The), Inc.**

140 Littleton Road  
Suite 305  
Parsippany, NJ 07054  
(201) 335-3322  
James L. DeSilver, President  
IS Revenue (US only), FYE 12/87: \$ 6.0 m  
Total Employees: 75  
Services: Pfs  
Private

**Matrix Insurance Services, Inc.**

7676 Hilmont Suite 355  
Houston, TX 77040  
(713) 690-7676  
Richard Markson, President  
IS Revenue (US only), FYE 12/87: \$ 6.0 m  
Total Employees: 75  
Services: Proc Tky  
Public

**Matrix Software Technology Corporation**

One Massachusetts Technology Center  
Harborside Drive  
Boston, MA 02128  
(617) 567-0037

Vincent Garofalo, President  
Total Revenue, FYE 12/86: (Est) \$ 1.0 m  
IS Revenue: \$ 1.0 m  
Total Employees: 15  
Services: ApplSW  
Private

**Maxell Corporation of America**

60 Oxford Drive  
Moonachie, NJ 07074  
(201) 440-8020  
Private

**Maxima Computer Management Consultants,  
Ltd.**

Acquired. Please see Computer Task Group, Inc.

**Maxwell Laboratories**

Subsidiaries/Divisions:

**S-Cubed**

P.O. Box 1620  
La Jolla, CA 92038  
(619) 453-0060  
Donald Grine, Division Manager  
IS Revenue (US only), FYE 07/87: \$ 1.0 m  
Total Employees: 250  
Services: ApplSW SysSW

**May & Speh**

1501 Opus Place  
Downers Grove, IL 60515  
(312) 964-1501  
Albert Speh, President  
Services: Proc  
Private

**MB & Associates**

7921 South Park Plaza  
Suite 200  
Littleton, CO 80120  
(303) 794-1740  
Frank J. Mettam, President, CEO  
Total Employees: 14  
Private

**MB Computing**

Subsidiaries/Divisions:

**Tominy, Inc.**

4221 Malsbary Road  
Cincinnati, OH 45242  
(513) 984-6605  
William R. Martin, President  
Total Revenue, FYE 09/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 12  
Services: Pfs ApplSW SysSW

**MBP Software And Systems Technology**

1131 Harbor Bay Parkway #260  
Alameda, CA 94501  
(415) 769-5333  
IS Revenue (US only), FYE 12/87: \$ 40.0 m  
Services: Pfs SysSW  
Private

**M. Bryce and Associates, Inc.**

777 Alderman Rd.  
Palm Harbor, FL 34683  
(813) 786-4567  
Milt Bryce, President  
IS Revenue (US only), FYE 12/87: \$ 1.3 m  
Total Employees: 10  
Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**MC2 Engineering Software**

8107 SW 72nd Avenue, Suite 425  
P.O. Box 530980  
Miami, FL 33143  
(305) 665-0100

Robert S. McClintock, President  
IS Revenue (US only), FYE 12/87: \$ 0.7 m  
Total Employees: 6  
Services: ApplSW  
Private

**MCBA, Inc.**

425 W. Broadway  
Glendale, CA 91204  
(818) 242-9600

Dina Hans, President  
IS Revenue (US only), FYE 03/87: \$ 10.0 m  
Total Employees: 120  
Services: Pfs ApplSW  
Private

**MCC Corporation**

511 South Ave.  
Cranford, NJ 07016-3205  
(201) 272-3500

Vincent Mongno, President  
Total Employees: 300  
Private

**McCormack & Dodge Corporation**

Please see Dun & Bradstreet Corporation (The)

**MCC Systems Inc.**

14950 Heathrow Forest Pky  
Suite 260  
Houston, TX 77060  
(713) 590-1000

Charles McClurkin, President  
Services: Pfs ApplSW SysInt Tky  
Private

**McDermott International, Inc.**

1010 Common Street  
New Orleans, LA 70112  
(504) 587-5400

J.E. Cunningham, CEO  
Total Revenue, FYE 03/86: \$ 3,257.1 m  
Public

**Subsidiaries/Divisions:**

**Babcock & Wilcox Company**

1010 Common St.  
New Orleans, LA 70160  
(504) 587-4411

IS Revenue (US only), FYE 03/87: \$ 25.4 m  
Services: Pfs Proc

**Power Computing Company**

1930 Hi Line Drive  
Dallas, TX 75207  
(214) 655-8822

Tom Aud, President  
Services: Proc ApplSW Tky

**McDonnell Douglas Corporation**

**Subsidiaries/Divisions:**

**McDonnell Douglas Information Systems Company**

P.O. Box 516  
St. Louis, MO 63116  
(314) 234-2626

Jeremy J. Causky, President  
Services: Pfs Proc Network ApplSW SysSW SysInt Tky

**McDonnell Douglas Information Systems Company**

Please see McDonnell Douglas Corporation

**MCF of Niagara, Inc.**

P.O. Box 2156  
345 3rd St.  
Niagara Falls, NY 14302  
(716) 284-0472

Services: Pfs  
Private

**McGraw-Hill, Inc.**

1221 Avenue of the Americas  
New York, NY 10020  
(212) 512-2000

Joseph L. Dionne, President  
IS Revenue (US only), FYE 01/87: \$ 310.2 m  
Total Employees: 14,600  
Services: Network ApplSW SysSW  
Public

**Subsidiaries/Divisions:**

**McGraw-Hill Information Systems Co.**

1221 Avenue of the Americas  
New York, NY 10020  
(212) 512-2000

Richard B. Miller, President

**Numerax, Inc.**

230 West Passaic Street  
Maywood, NJ 07067  
(201) 368-0170

Keith J. Keenan, President  
Services: Pfs Proc

**CAMS 1988**  
**Directory of Information Services Companies**

**Standard & Poor's Compustat Services, Inc.**

7400 S. Alton Court  
Englewood, CO 80112  
(303) 771-6510  
James E. McEntire  
Total Revenue, FYE 12/88: (Est) \$ 10.0 m  
Total Employees: 300

**McGraw-Hill Information Systems Co.**  
Please see McGraw-Hill, Inc.

**McHugh, Freeman and Associates**

175 N. Patric Blvd. #110  
Brookfield, WI 53005  
(414) 792-0600  
James T. McHugh, President  
IS Revenue (US only), FYE 12/87: \$ 3.6 m  
Total Employees: 24  
Services: Pfs Network SysInt Tky  
Private

**MCI Communications**

1133 19th St. N.W.  
Washington, DC 20036  
(202) 887-2907  
William McGowan  
IS Revenue (US only), FYE 12/87: \$ 80.0 m  
Services: Network ApplSW  
Public

**McKesson Corporation**

One Post Street  
San Francisco, CA 94104  
(415) 983-8300  
Thomas W. Field, Jr., President  
Public

**Subsidiaries/Divisions:**

**3PM, Inc.**

30881 Schoolcraft  
Livonia, MI 48150  
(313) 427-2000  
Tom Cook, President  
IS Revenue (US only), FYE 01/87: \$ 35.0 m  
Total Employees: 411  
Services: Proc ApplSW Tky

**Pharmaceutical Card Systems, Inc.**

9060 East Via Linda  
Scottsdale, AZ 85258  
(602) 951-0700  
Don Dahlin, President  
Services: Proc

**MCP of Niagara Inc.**

345 3rd St.  
Niagara Falls, NY 14303  
(716) 284-0472  
Eugene D. Piekarski, CEO  
Total Employees: 7  
Services: Pfs ApplSW  
Private

**MCRB Service Bureau**

11633 Victory Boulevard  
North Hollywood, CA 91609  
(818) 509-1797  
Richard Yung, President  
IS Revenue (US only), FYE 01/87: \$ 16.0 m  
Total Employees: 500  
Services: Proc  
Private

**MCS, Inc.**

6 Hughes  
Irvine, CA 92718  
(714) 951-8858  
Patrick J. Hanratty, President  
Total Revenue, FYE 09/88: (Est) \$ 15.0 m  
IS Revenue: \$ 15.0 m  
Total Employees: 165  
Services: ApplSW  
Private

**MC Software, Inc.**

Please see Flagship Group (The), Inc.

**M&C Systems, Inc.**

P.O. Box 307  
Middletown, NJ 07748  
(201) 671-4031  
Private

**MDCR, Inc.**

P.O. Box 29  
East Brunswick, NJ 08816  
(201) 257-5700  
Private

**MDR Systems, Inc.**

1900 S. Norfolk Street #125  
San Mateo, CA 94403  
(415) 349-0810  
Ken A. McGinnis, President  
Public

**MDS Associates**

Name changed. Please see M&D Systems, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**MDSC, Inc.**

2814 New Spring Road, Suite 121  
Atlanta, GA 36339  
(404) 436-2121

Morris M. Bradley, Chairman

Services: Proc

Private

**MDSS, Manufacturing Decision Support Systems, Inc.**

300 East Ohio Building  
1717 E. 9th Street  
Cleveland, OH 44114  
(216) 861-8100

John A. Leibert

Services: ApplSW

Private

**M&D Systems, Inc.**

3885 North Buffalo Road  
Orchard Park, NY 14127  
(716) 662-6611

William Carpenter, President

Services: ApplSW

Private

**MDX Clinical Data Design, Inc.**

150 North Sunnyslope Road  
Brookfield, WI 53005  
(414) 782-0300

Services: ApplSW

Private

**Mead Corporation (The)**

Courthouse Plaza  
Dayton, OH 45463  
(513) 222-6323

Steven C. Mason, President

Public

Subsidiaries/Divisions:

**Mead Data Central**

9393 Springboro Pike  
P.O. Box 933  
Dayton, OH 45401  
(513) 865-6800

Jack Simpson, President

IS Revenue (US only), FYE 12/87: \$ 228.5 m

Total Employees: 2,045

Services: Network

**Mead Data Central**

Please see Mead Corporation (The)

**Mechanical Dynamics**

3055 Plymouth Road  
Ann Arbor, MI 48105  
(313) 494-3800

Michael Korbalsky, President

Services: Pfs ApplSW

Private

**Mechanics & Farmer**

930 Main Street  
Bridgeport, CT 06601  
(203) 382-6363

Private

Subsidiaries/Divisions:

**FBC, Inc.**

29 Rado Drive  
Naugatuck, CT 06770  
(203) 723-7487

Frank Clancy, President

IS Revenue, FYE 12/88: \$ 21.0 m

Total Employees: 100

Services: Pfs Proc

**Media Computing Corporation**

157 S. Martha Street  
P.O. Box 185  
Lombard, IL 60148  
(312) 495-0121

Tony Oliveri, President

Private

**Mediagenic**

3885 Bohannon Drive  
Menlo Park, CA 94025  
(415) 329-0500

Bruce L. Davis

Public

**Medical Data Services, Inc.**

Please see Charter Medical Corporation

**Medical Engineering, Inc.**

955 Fowler Street  
Fort Myers, FL 33901  
(813) 939-5211

Hugh Murphy, President

IS Revenue (US only), FYE 12/87: \$ 2.7 m

Total Employees: 106

Services: ApplSW

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Medical Information Technology,  
Inc. (MEDITECH)**

Meditech Circle  
Westwood, MA 02090  
(617) 329-5300  
A. Neil Pappalardo, President  
IS Revenue (US only), FYE 12/87: \$ 32.0 m  
Total Employees: 350  
Services: ApplSW SysSW  
Private

**Medical Management Systems, Inc.**

446 West Pontial  
Fort Wayne, IN 46807  
(219) 456-2195  
J. Richard Presser, President  
Services: Pfs Proc Tky  
Private

**Medical Payment Systems, Inc.**

24601 Center Ridge Road  
Westlake, OH 44145  
(216) 835-2633  
David A. Jensen, CEO  
Services: Proc  
Private

**Medicomp of Virginia**

9526-A Lee Highway  
Fairfax, VA 22031  
(703) 591-0914  
Services: Pfs  
Private

**Medicus Systems Corporation**

One American Plaza, 4th Floor  
Evanston, IL 60201  
(312) 570-7500  
Jim Stewart, President  
Services: Pfs ApplSW  
Private

**Mediflex Systems Corporation**

Acquired. Please see HBO & Company

**Medi-Span, Inc.**

5980 W. 71st Street  
P.O. Box 68875  
Indianapolis, IN 46268  
(317) 299-5980  
J. Bruce Laughrey  
Total Employees: 100  
Services: Network ApplSW  
Private

**Medstat Systems**

400 East Eisenhower Parkway  
Ann Arbor, MI 48104  
(313) 996-1180  
Earnest Ludy, President  
IS Revenue (US only), FYE 09/87: \$ 5.5 m  
Total Employees: 2,000  
Services: ApplSW  
Public

**Megahaus Corporation**

6215 Farris Square  
San Diego, CT 92121  
(619) 450-1230  
Dr. Paul Stannard  
Private

**Megatek Corporation**

3985 Sorrento Valley Blvd.  
San Diego, CA 92121  
(714) 455-5590  
Paul E. Huber, President  
Private

**MegaWest Systems**

345 Bearcat Drive  
Salt Lake City, UT 84115  
(801) 487-0788  
Mike Archuleta, President  
IS Revenue (US only), FYE 12/87: \$ 2.0 m  
Total Employees: 19  
Services: ApplSW SysInt Tky  
Private

**Mellon Bank Corporation**

Three Mellon Bank Center  
Pittsburgh, PA 15258  
(412) 234-5000  
George T. Farrell, President  
Public

**Mellon Bank - Data Center Group**

Please see Mellon Bank

**Memory Media**

17032 Murphy Avenue  
Irvine, CA 92714  
(714) 863-1101  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Memotel**

Montreal  
Canada

Public

Subsidiaries/Divisions:

**INFINET, Inc.**

40 High Street  
N. Andover, MA 01845  
(617) 681-0600

Nicholas Patonotis, President  
Total Employees: 450  
Services: SysInt

**Memron, Inc.**

1756 Junction Avenue  
San Jose, CA 95112  
(408) 275-0780

Private

**Menlo Business Systems, Inc.**

201 Main Street  
Los Altos, CA 94022  
(415) 948-7920

Ron Snow, President

IS Revenue (US only), FYE 10/87: \$ 4.2 m

Total Employees: 35

Services: ApplSW

Private

**Menlo Corporation**

4633 Old Ironside Dr., Suite 400  
Santa Clara, CA 95054  
(408) 986-0200

Lloyd Kreuzer, President

Services: ApplSW

Private

**Mentis Corporation**

700 Wendall Court S.W.  
Atlanta, GA 30336  
(404) 691-1183

Leonard M. Cooper, President

Services: Tky

Private

**Mentor Graphics Corporation**

8500 S.W. Creekside Place  
Beaverton, OR 97005-7191  
(503) 626-7000

Thomas H. Bruggere

Services: Pfs ApplSW Tky

Private

**MENTOR Resources Inc.**

One Tara Boulevard  
Nashua, NH 03062  
(603) 888-2580

Wes Sager, CEO

Total Revenue, FYE 12/87: (Est) \$ 2.0 m

IS Revenue: \$ 2.0 m

Total Employees: 16

Services: ApplSW

Private

**Mentor Systems, Inc.**

962 Delaware Avenue  
Lexington, KY 40505  
(606) 231-0519

Thomas Gibbs, President

Services: ApplSW

Private

**Merit Systems, Inc.**

5800 Crooks Road, Suite 200  
Troy, MI 48098-2814  
(313) 879-7600

John M. Yeaton, President

Total Revenue, FYE 09/88: \$ 16.0 m

IS Revenue: \$ 16.0 m

Total Employees: 300

Services: Pfs Network SysInt

Private

**Merkle Computer Systems, Inc.**

5200-E Philadelphia Way  
Lanham, MD 20706  
(301) 459-9700

Harvey Blanton

Total Employees: 25

Services: Proc

Private

**Mestek, Inc.**

260 North Elm Street  
Westfield, MA 01085  
(413) 568-9571

Public

**Meta Health Technologies**

363 7th Ave.  
New York, NY 10001  
(212) 695-5870

Bent Werbell, President

Total Employees: 31

Services: Pfs ApplSW

Private

**Meta Health Technology, Inc.**

363 7th Avenue  
New York, NY 10001  
(212) 695-5870

Bent Werbell, President

Services: ApplSW

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Metaphor Computer Systems, Inc.**

1965 Charleston Road  
Mountain View, CA 94043  
(415) 961-3600

Donald J. Massero, President  
Total Revenue, FYE 12/87: \$38.5 m  
Total Employees: 300  
Private

**Metasoft Corporation**

Please see Share Data, Inc.

**Meta Software, Inc.**

363 7th Avenue  
New York, NY 10001  
(212) 695-5870

Bert Werbell, President  
Total Revenue, FYE 12/86: (Est) \$1.5 m  
IS Revenue: \$1.5 m  
Total Employees: 15  
Services: ApplSW  
Private

**Metier Management Systems, Inc.**

Please see Lockheed Corporation

**Metro Bank**

10900 Wilshire Boulevard  
Los Angeles, CA 90024  
(213) 824-5700

James Salin, President  
Services: Proc  
Public

**Metro Information Services**

P.O. Box 8888  
Virginia Beach, VA 23450  
(804) 486-1900

John Fain, President  
Private

**Metromail Corporation**

Please see Dun & Bradstreet Corporation (The)

**Metro-Mark Interated Systems, Inc.**

86 Elm Street  
P. O. Box 338  
Roselyn Heights, NY 11577  
(516) 484-0949

Al Lozito

Services: ApplSW  
Private

**Metropolitan Life Insurance Company**

One Madison Avenue  
New York, NY 10010  
(212) 578-2211

John J. Creedon, President  
Public

**Subsidiaries/Divisions:**

**DTSS Incorporated**

Buck Rd.  
P.O. Box 70  
Hanover, NH 03755  
(603) 643-6600

J. Peter Manzo, Jr., President  
Total Revenue, FYE 12/87: (Est) \$2.5 m  
IS Revenue: \$1.7 m  
Total Employees: 43  
Services: Proc ApplSW

**MGSS Inc.**

300 East Ohio Building  
1717 E. 9th Street  
Cleveland, OH 44114  
(216) 861-8100

John Liebert, President  
Services: ApplSW  
Private

**MHT Services, Inc.**

65 East Route 4  
River Edge, NJ 07661  
(201) 342-1321

Private

**MICA**

2349 Memorial Blvd.  
Port Arthur, TX 77640  
(409) 983-2051

Quinten Hensley, President  
IS Revenue (US only), FYE 11/87: \$4.2 m  
Total Employees: 40  
Services: ApplSW  
Private

**Michaels, Ross & Cole, Ltd.**

800 Roosevelt Road  
Suite 304, Bldg. E  
Glen Ellyn, IL 60137  
(312) 790-5040

Joseph Stangarone, Partner  
Total Revenue, FYE 03/88: (Est) \$2.5 m  
IS Revenue: \$2.5 m  
Services: Pfs SysSW  
Private

**Microamerica**

33 Boston Post Road West  
Marlborough, MA 01752  
(617) 480-0780

Gordon Hoffstein  
Total Revenue, FYE 12/88: (Est) \$304.0 m  
Total Employees: 420  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Micro Associates, Inc.**

2349 Memorial Blvd.  
Port Arthur, TX 77640  
(409) 983-2051

Mark J. Lee, President

IS Revenue (US only), FYE 11/87: \$ 1.9 m

Total Employees: 40

Services: ApplSW

Private

**Microbilt Corporation**

6190 Powers Ferry Road  
P.O. Box 723368  
Atlanta, GA 30339  
(404) 955-0313

P. F. Sadler

Total Revenue, FYE 01/88: (Est) \$ 17.7 m

IS Revenue: \$ 17.7 m

Total Employees: 150

Public

**Micro Business Applications**

12223 Wood Lake Drive South  
Burnsville, MN 55337  
(612) 894-3470

Dwight Wright, President

Services: ApplSW

Private

**MicroCall Services**

P.O. Box 650  
Laurel, MD 20707  
(301) 776-5253

Services: ApplSW

Private

**Microcom, Inc.**

1400A Providence Highway  
Norwood, MA 02062  
(617) 762-9310

James M. Dow, President

Private

**Micro Courseware Corporation**

4444 Geary Blvd., Suite 300  
San Francisco, CA 94118  
(415) 751-5223

Private

**Micro Craft, Inc.**

688 Discovery Drive  
Huntsville, AL 35806  
(205) 830-9746

Joan McIntyre, President

IS Revenue (US only), FYE 12/87: \$ 0.7 m

Total Employees: 19

Services: Pfs ApplSW

Private

**Micro Data Base Systems, Inc.**

P.O. Box 248  
Lafayette, IN 47902  
(317) 447-1122

Private

**Micro Decisionware**

2995 Wilderness Place  
Boulder, CO 80301  
(303) 443-2706

John Quinlan, President

Total Revenue, FYE 12/87: (Est) \$ 2.5 m

Total Employees: 21

Services: ApplSW

Private

**Micro Design International, Inc.**

6985 University Blvd.  
Winter Park, FL 32792  
(404) 968-6658

Henry Lassiter

Total Revenue, FYE 12/88: (Est) \$ 2.0 m

IS Revenue: \$ 0.4 m

Total Employees: 21

Services: SysSW

Private

**Micro D Inc.**

2801 S. Yale Street  
Santa Ana, CA 92704  
(714) 540-4781

Linwood A. Lacy

Total Revenue, FYE 12/87: (Est) \$ 3.5 m

Total Employees: 425

Public

**Microdynamics Inc.**

10461 Brockwood Road  
Dallas, TX 75138  
(214) 343-1170

Ron Martell

Total Revenue, FYE 12/88: (Est) \$ 18.0 m

IS Revenue: \$ 18.0 m

Total Employees: 120

Services: Tky

Private

**Micro Focus Group, PLC**

Private

Subsidiaries/Divisions:

**Micro Focus, Inc.**

2465 East Bayshore Road  
Suite 400  
Palo Alto, CA 94303  
(415) 856-4161

Colin West, President

IS Revenue (US only), FYE 01/87: \$ 29.0 m

Total Employees: 300

Services: SysSW

**CAMS 1988**  
**Directory of Information Services Companies**

**Micro Focus, Inc.**  
Please see Micro Focus Group, PLC

**Micrografix, Inc.**  
1820 N. Greenville Ave.  
Richardson, TX 75081  
(214) 234-1769  
Paul Grayson  
Total Employees: 85  
Private

**Micro Logic Corp.**  
100 Second Street  
P.O. Box 174  
Hackensack, NJ 07602  
(201) 342-6518  
Services: ApplSW  
Private

**Microlytics, Inc.**  
300 Main Street  
East Rochester, NY 14445  
(716) 248-9150  
Michael Weiner, President  
Private

**Micro Manufacturing Systems**  
2600 Corporate Exchange Drive, Suite 190  
Columbus, OH 43229  
(614) 895-0738  
Larry Fox, President  
Services: ApplSW  
Private

**Micro-MRP, Inc.**  
Acquired. Please see ASA International

**MicroPro International Corp.**  
33 San Pablo Ave.  
San Rafael, CA 94903  
(415) 499-1200  
Leon Williams, President  
IS Revenue (US only), FYE 08/87: \$ 41.3 m  
Total Employees: 238  
Services: ApplSW  
Public

**Micro Resources, Inc.**  
378B Bell Marin Key Blvd.  
Novato, CA 94947  
(415) 382-1337  
Anthony Gass, President  
Services: ApplSW  
Private

**Microrim, Inc.**  
3925 159th Avenue N.E.  
Redmond, WA 98073-9722  
(206) 885-2000  
David F. Hull, President  
IS Revenue (US only), FYE 01/87: \$ 13.3 m  
Total Employees: 255  
Services: SysSW  
Private

**Microserve, Inc.**  
276 Fifth Avenue  
New York, NY 10001  
(212) 683-2811  
Harold Bondy, President  
Services: Pfs Proc ApplSW Tky  
Private

**Microsoft Corporation**  
16011 N.E. 36th Way  
P.O. Box 97017  
Redmond, WA 98073-9717  
(206)-882-8030  
Jon Shirley, President  
IS Revenue (US only), FYE 06/87: \$ 238.7 m  
Total Employees: 1,800  
Services: ApplSW SysSW  
Public

**Micro Software International**  
The Silk Mill  
44 Oak Street  
Newton Upper Falls, MA 02164  
(617) 527-7510  
Private

**Micro Sparc, Inc.**  
52 Domino Drive  
Concord, MA 01742  
(617) 371-1660  
F.L. Mike Harvey, President  
IS Revenue (US only), FYE 12/87: \$ 4.0 m  
Total Employees: 28  
Services: ApplSW SysSW  
Private

**Microsystems Engineering Corporation**  
2400 W. Hassell Road, Suite 400  
Hoffman Estates, IL 60195  
(312) 882-0111  
Evertt Karles, President  
Services: ApplSW  
Private

**Micro-Systems Software, Inc.**  
4301-18 Oak Circle  
Boca Raton, FL 33431  
(305) 391-5077  
Larry Studdard, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Micro-Tax**

Please see Computer Language Research, Inc.

**Microtec Research, Inc.**

3930 Freedom Circle  
Santa Clara, CA 95054  
(408) 733-2919  
Services: ApplSW  
Private

**Micro Tempus, Inc.**

440 Dorchester Blvd.  
West, Suite 300  
Montreal H2Z 1V7  
Quebec  
Canada  
(514) 397-9512

Yvon Le Veille, President

Total Revenue, FYE 09/88: (Est) \$ 5.5 m

IS Revenue: \$ 5.5 m

Total Employees: 45

Public

**Mid-America Information Systems, Inc.**

2603 W. 22nd St., Suite 23  
Oak Brook, IL 60521  
(312) 325-3600

P. Youngwith, President

Services: Pfs ApplSW Tky

Private

**M & I Data Services**

Please see Marshall & Isley Corporation

**MIDEC, Inc.**

267 Kappa Drive  
Pittsburgh, PA 15238  
(412) 963-6011

Thomas P. Styslinger, President

Total Employees: 55

Private

**Midwest Data Systems, Inc.**

Please see Celina Financial Corporation

**Midwest Software**

1160 Applesseed Lane  
St. Louis, MO 63132  
(314) 997-2369

Private

**Migent Software Corporation**

Canada  
Private

Subsidiaries/Divisions:

**Migent Software, Inc.**

865 Tahoe Blvd.  
P.O. Box 6062  
Incline Village, NV 89450  
(702) 832-3700

Charles Hamilton

Total Revenue, FYE 06/88: (Est) \$ 7.5 m

IS Revenue: \$ 7.5 m

Total Employees: 32

Services: ApplSW SysSW

**Migent Software, Inc.**

Please see Migent Software Corporation

**Milton Allen & Associates, Inc.**

1717 East 9th Street  
300 East Ohio Building  
Cleveland, OH 44114  
(216) 861-8100

John Leibert, President

IS Revenue (US only), FYE 12/87: \$ 2.0 m

Total Employees: 25

Services: ApplSW

Private

Subsidiaries/Divisions:

**Manufacturing Decision Support Systems, Inc.**

300 East Ohio Bldg. 1717  
E. 9th St.  
Cleveland, OH 44114  
(216) 861-8100

Milton Allen, President

Total Revenue, FYE 12/88: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 15

**Mindscape, Inc.**

3444 Dundee Road  
Northbrook, IL 60062  
(312) 480-7667

Rodger Buoy

Services: Pfs ApplSW

Public

**Mindsight Software**

515 Tanner Street  
Carrollton, GA 30117  
(404) 836-8100

Ross Shackelford, CEO

IS Revenue (US only), FYE 01/87: \$ 0.4 m

Total Employees: 3

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Mind Work Software**  
P.O. Box 222280  
Carmel, CA 93922  
(800) 367-4334  
Services: ApplSW  
Private

**Mineral Search, Inc.**  
11925 Windfern  
Houston, TX 77064  
(713) 890-7600  
William C. Oliver, President  
IS Revenue (US only), FYE 12/87: \$ 0.4 m  
Total Employees: 12  
Services: Pfs Proc  
Private

**Mini-Computer Systems, Inc.**  
Name changed. Please see Campus America

**Minicomputer Systems Incorporated (MSI)**  
2037 16th Street  
Boulder, CO 80302  
(303) 443-3347  
Richard Steele, President  
IS Revenue (US only), FYE 12/87: \$ 1.5 m  
Total Employees: 16  
Services: SysSW  
Private

**Mini Data Systems Corp.**  
2041 Rosecrans Ave.  
El Segundo, CA 90245  
(213) 640-0404  
Bill Myers, President  
Services: Tky  
Private

**Minimax Research Corporation**  
2435 Durant Avenue  
Berkeley, CA 94704  
(415) 548-2548  
Carlos M. Puig, President  
Private

**Mirror Images Software Inc.**  
504 Broadway  
Troy, NY 12180  
(518) 274-2335  
Private

**MIS Associates**  
52 Grant Hill Court  
Clifton Park, NY 12065  
(518) 371-4331  
Steve Fallum, President  
Services: Pfs ApplSW  
Private

**Mission Corporation**  
3111 Banksville Road  
Suite  
Pittsburgh, PA 15216  
(412) 561-1280  
Bruce Tomlin, CEO  
Total Employees: 20  
Services: Pfs  
Private

**Mitchell A. Fink Associates**  
Five Baldwin Place  
New York, NY 10956  
(914) 634-1260  
Mitchell A. Fink, President  
Services: ApplSW  
Private

**Mitchell and Gauthier Associates**  
73 Junction Square Drive  
Concord, MA 01742  
(617) 369-5115  
Indy Pommers, President  
IS Revenue (US only), FYE 04/87: \$ 5.0 m  
Total Employees: 20  
Services: ApplSW  
Private

**Mitchell Humphrey & Co.**  
2029 Woodland Parkway  
St. Louis, MO 63146  
(314) 991-2440  
Mitchell Humphrey, President  
Services: ApplSW  
Private

**Mitchell Management Systems**  
Westboro Office Park  
2000 West Park Drive  
Westboro, MA 01581  
(617) 366-0800  
Neil Mitchell, Jr., President  
Services: ApplSW  
Private

**Mitchell Sweet & Associates**  
1626 South Edward Drive  
Tempe, AZ 85281  
(602) 968-2900  
Mitchell Sweet, President  
Total Revenue, FYE 07/86: \$ 8.8 m  
IS Revenue: \$ 8.8 m  
Total Employees: 220  
Services: Proc ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Mitec Computer Business Systems Corporation**

21250 Califa Street, Suite 102  
Woodland Hills, CA 91367  
(818) 999-2311

Harold A. Kurty, CEO  
Services: Tky  
Private

**MITRE Corporation**

Burlington Road  
Bedford, MA 01730  
(617) 271-2000

Charles A. Zraket  
IS Revenue (US only), FYE 07/87: \$ 445.0 m  
Services: Pfs  
Public

**Mitrol Incorporated**

800 West Cummings Park  
Woburn, MA 01801  
(617) 933-9545

Samuel Stein, President  
Total Revenue, FYE 12/86: (Est) \$ 9.0 m  
IS Revenue: \$ 4.5 m  
Total Employees: 65  
Services: Pfs ApplSW  
Private

**MMS International**

2400 Corporate Exchange Drive, Suite 200  
Columbus, OH 43229  
(614) 895-0738

Larry Fox, President  
IS Revenue (US only), FYE 12/87: \$ 3.5 m  
Total Employees: 55  
Services: Pfs ApplSW  
Private

**Mobius Management Systems, Inc.**

1 Sheraton Plaza  
New Rochelle, NY 10801  
(914) 632-7960

Mitchell Gross, President  
Services: Pfs ApplSW  
Private

**Modtec International**

656 Bair Island Rd., Suite 302  
Redwood City, CA 94063  
(415) 367-6855

Private

**Modular Information Systems, Inc.**

Please see Newtrend Group (The)

**Molecular Design, Ltd.**

2132 Farallon Drive  
San Leandro, CA 94577  
(415) 895-1313

Steven Goldby, President  
IS Revenue (US only), FYE 12/87: \$ 18.3 m  
Total Employees: 149  
Services: Pfs ApplSW  
Private

**MOM Corporation (The)**

1575 Northside Drive  
100 Atlanta Technology Center  
Atlanta, GA 30318  
(404) 351-2902

Dario Taquelchel, President  
Services: SysInt Tky  
Private

**MoneyCare, Inc.**

253 Martens Avenue  
Mountain View, CA 94040  
(415) 962-0333

Ed Van Deman, President  
Services: ApplSW  
Private

**Money Management Systems, Inc.**

303 Wyman Street  
Waltham, MA 02154  
(212) 288-3597

Jay Goldberg, President  
Total Revenue, FYE 12/88: (Est) \$ 7.0 m  
IS Revenue: \$ 7.0 m  
Services: Proc ApplSW  
Private

**MONOGRAM**

531 Van Ness Avenue  
Torrance, CA 90501  
(213) 533-8180

Brad Peppard, President  
Private

**Moore Business Forms, Inc.**

1205 Milwaukee Avenue  
Glenview, IL 60025-2496  
(312) 480-3000

Private

Subsidiaries/Divisions:

**Moore Data Management Systems**

S. Highway 100  
400 E. Parkdale Plaza  
St. Louis, MO 55416  
(612) 540-1000

Scott Mitchell, President  
Services: Proc Tky

**CAMS 1988**  
**Directory of Information Services Companies**

**Moore Data Management Systems**  
Please see Moore Business Forms, Inc.

**Morgan Computing**  
P.O. Box 112730  
Dallas, TX 75011  
(214) 739-5895  
Private

**Morino, Inc.**  
8615 Westwood Center Dr.  
Vienna, VA 22180-2215  
(703) 734-9494  
Mario Morino, Chairman  
Total Employees: 237  
Services: Pfs SysSW  
Public

**Morrell Systems Corporation**  
3098 Piedmont Rd, Suite 404  
Atlanta, GA 30305  
(404) 262-2298  
Dick Collins, Manager  
Services: Pfs ApplSW  
Private

**Mosaic Marketing, Inc.**  
1972 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 491-2434  
Richard Bezjian  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
Total Employees: 15  
Services: ApplSW  
Private

**Mosby Systems**  
11830 Westline Industrial Drive  
St. Louis, MO 63141  
(314) 872-8370  
Private

**Mossland Technology**  
8536 Church Street  
Gilroy, CA 95020  
(408) 848-2678  
Private

**Motorola Computer Systems**  
Please see Motorola, Inc.

**Motorola, Inc.**  
1303 East Algonquin Road  
Schaumburg, IL 60196  
(312) 397-5000  
John F. Mitchell, President  
Total Revenue, FYE 12/86: \$ 5,888.0 m  
Public

Subsidiaries/Divisions:

**Motorola Computer Systems**  
10700 North DeAnza Blvd.  
Cupertino, CA 95014  
(408) 255-0900  
Wayne Sennett, General Manager  
Services: Proc ApplSW

**Mountain Software Growers, Inc.**  
5201 Mitchelldale, Suite B-4  
Houston, TX 77092  
(713) 680-3059  
Total Revenue, FYE 02/86: (Est) \$ 1.5 m  
IS Revenue: \$ 1.5 m  
Total Employees: 25  
Services: Pfs ApplSW Tky  
Private

**MPSI Systems, Inc.**  
8282 South Memorial Dr.  
Tulsa, OK 74133  
(918) 250-9611  
Ronald G. Harper, President  
IS Revenue (US only), FYE 12/87: \$ 10.9 m  
Total Employees: 540  
Services: Pfs Proc ApplSW  
Public

**MRM, Inc.**  
250 N. Patrick Boulevard  
Suite 150  
Brookfield, WI 53005  
(414) 792-0400  
William Wassweiler, President  
Total Revenue, FYE 12/88: (Est) \$ 15.0 m  
IS Revenue: \$ 7.5 m  
Total Employees: 22  
Services: Pfs ApplSW  
Private

**MTech**  
Acquired. Please see EDS Corporation

**Mt. Xiru**  
2560 9th Street, Suite 312  
Berkeley, CA 94710  
(414) 644-0146  
Robert Kridle, President  
Services: ApplSW  
Private

**Muller Media Conversions, Inc.**  
32 Broadway, Suite 1600  
New York City, NY 10004  
(212) 344-0474  
Mr. Lorren Livingston, D.P.  
IS Revenue (US only), FYE 04/87: \$ 1.0 m  
Total Employees: 15  
Services: Pfs ApplSW  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Multimate International**

Acquired. Please see Ashton-Tate Corp.

**Multinational Computer Models, Inc.**

605 Bloomfield Avenue  
Montclair, NJ 07042  
(201) 746-5060

Abraham George, President  
Services: ApplSW SysSW SysInt  
Private

**Multiple Technologies Corporation**

32255 Northwestern Highway  
Suite 206  
Farmington Hills, MI 48018  
(313) 737-4499

William A. Phillips, President  
Private

**MultiSolutions, Inc.**

123 Franklin Corner Road  
Edison, NJ 08648  
(604) 896-4100

Charles Lombardo, Chairman  
Total Employees: 22  
Services: Pfs SysSW  
Public

**Multi-Systems, Inc.**

4450 North 12th Street  
Phoenix, AZ 85014  
(602) 279-2999

John Glitsos, President  
Total Revenue, FYE 12/86: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 40  
Services: ApplSW  
Private

**Murdoch Electronic Publishing**

Subsidiaries/Divisions:

**Comsell, Inc.**

500 Tech Parkway  
Atlanta, GA 30313  
(404) 872-2500  
Steve Roden, President  
Total Employees: 60  
Services: Pfs

**Muse Software, Inc.**

5 Westridgeville Blvd.  
Baltimore, MD 21771  
(301) 831-7090

Jerry Herskowitz, President  
IS Revenue (US only), FYE 12/87: \$ 0.8 m  
Total Employees: 10  
Services: ApplSW  
Private

**MUST Software International**

Please see Thomson-CSF S.A.

**Mutual Advisory Corporation**  
Public

Subsidiaries/Divisions:

**Mutual Services Institute**

1525 Washington Street  
Braintree, MA 02184  
(617) 849-1600

Edward Boudris, President  
Total Revenue, FYE 10/86: (Est) \$ 5.0 m  
IS Revenue: \$ 5.0 m  
Total Employees: 80  
Services: Proc

**Mutual Services Institute**

Please see Mutual Advisory Corporation

**MVC Associates, Inc.**

11 Skokie Blvd., Suite 302  
Lake Bluff, IL 60044  
(312) 295-3344

Donald Cran, President  
Services: Pfs ApplSW  
Private

**MWL Incorporated**

2659 Townsgate Road, Suite 114  
Westlake Village, CA 91361  
(818) 373-0150

Michael W. Lodato, President  
IS Revenue (US only), FYE 12/87: \$ 0.3 m  
Total Employees: 2  
Services: Pfs ApplSW  
Private

**Mycroft Labs, Inc.**

3976 N. Monroe Street  
P.O. Box 4106K  
Tallahassee, FL 32315  
(904) 562-3939

Lawrence E. Hughes, President  
Services: ApplSW  
Private

**Mylee Digital Sciences, Inc.**

433 Sovereign Court  
Manchester, MO 63011  
(314) 256-8221

James R. Moag, President  
IS Revenue (US only), FYE 10/87: \$ 3.0 m  
Total Employees: 32  
Services: Pfs Network ApplSW Tk  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Nantucket Corporation**  
12555 W. Jefferson Blvd.  
Suite 300  
Los Angeles, CA 90066  
(213) 390-7923

Barry ReBell, President  
Total Employees: 30  
Services: SysSW  
Private

**Napersoft, Inc.**  
Please see GIS Corp.

**Nastec Corporation**  
24681 Northwestern Highway  
Southfield, MI 48075  
(313) 653-3300  
Steve Manz, President  
Total Revenue, FYE 12/87: (Est) \$ 10.0 m  
Total Employees: 120  
Services: ApplSW  
Private

**National Bancard Corporation**  
1471 S.W. 12th Ave.  
Pompano Beach, FL 33060  
(305) 785-2100  
Walley Whitley, President  
Total Revenue, FYE 12/86: \$ 78.8 m  
IS Revenue: \$ 78.8 m  
Total Employees: 750  
Services: Proc  
Private

**National Business Systems, Inc.**  
30 Tower Lane  
Avon Park South  
Avon, CT 06001  
(203) 677-8396  
Jay Chang, President  
Private

Subsidiaries/Divisions:

**FundsNet, Inc.**  
385 Nordhoff Place  
Englewood, NJ 07631  
(201) 569-7764  
Frederick Gallard, President  
IS Revenue (US only), FYE 09/87: \$ 24.0 m  
Total Employees: 300  
Services: Proc

**National College Services**  
600 South Frederick Ave.  
Gaithersburg, MD 20877  
(301) 258-0717  
Herman Davis, President  
Services: Pfs Proc  
Private

**National Computer Syndicate**  
1300 S Wolf Road  
Wheeling, IL 60090  
(312) 459-6400  
Private

**National Computer Systems, Inc.**  
11000 Prairie Lakes Drive  
Eden Prairie, MN 55344  
(612) 829-3000  
Charles W. Oswald, President  
IS Revenue (US only), FYE 01/87: \$ 110.0 m  
Total Employees: 2,011  
Services: Pfs Proc ApplSW Tky  
Public

**National Com-Serv, Inc.**  
451 Hungerford Drive  
Rockville, MD 20850  
(301) 251-1880  
Larry Bucklew, President  
IS Revenue (US only), FYE 12/87: \$ 8.0 m  
Total Employees: 130  
Services: Pfs Proc  
Private

**National Database Software, Inc.**  
5488 Centerbrook  
West Bloomfield, MI 48033  
(313) 851-5560  
David Kleinberg, President  
Services: ApplSW  
Private

**National Data Corporation**  
National Data Plaza  
Atlanta, GA 30329  
(404) 728-2000  
Mark Braunstein, President  
IS Revenue (US only), FYE 12/87: \$ 152.6 m  
Total Employees: 2,800  
Services: Proc  
Public

**National Decision Systems, Inc.**  
539 Encinitas Boulevard  
P.O. Box 9007  
Encinitas, CA 92024  
(619) 942-7000  
IS Revenue (US only), FYE 12/87: \$ 15.0 m  
Total Employees: 160  
Services: Tky  
Private

**National Demographics & Lifestyles, Inc.**  
1621 Eighteenth Street, Suite 300  
Denver, CO 80202-5000  
(303) 292-5000  
Jock Bickert, President  
Services: Proc  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**National Distributor Systems**

959 Main Street  
Stratford, CT 01497  
(203) 378-1010  
John Hillgen, President  
IS Revenue (US only), FYE 10/87: \$ 2.5 m  
Total Employees: 10  
Services: Pfs Tky  
Private

**National Education Corporation**

**Subsidiaries/Divisions:**

**Applied Learning International, Inc.**

1751 W. Diehl Road  
Naperville, IL 60540  
(312) 369-3000  
H. David Bright  
IS Revenue (US only), FYE 01/87: \$ 180.0 m  
Total Employees: 1,200  
Services: Pfs ApplSW

**National Electronic Information Corporation**

500 Plaza Drive  
Secaucus, NJ 07094  
(201) 902-7000  
Kenneth O'Donnell, President  
Total Employees: 60  
Services: Proc  
Private

**National Field Service Corp.**

162 Orange Ave.  
Soffern, NY 10901  
(914) 368-1600  
Richard W. Avazian, President  
Services: Pfs  
Private

**National Financial Computer Systems, Inc.**

P.O. Box 347  
Snellville, GA 30278  
(404) 972-2871  
Chris Frederick, President  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 26  
Services: ApplSW SysSW  
Private

**National FSI, Inc.**

2777 Stemmons Freeway  
Suite 700  
Dallas, TX 75207  
(214) 689-3200  
Robert Tierney, President  
Total Revenue, FYE 12/87: \$ 17.3 m  
Total Employees: 200  
Services: Proc ApplSW Tky  
Public

**National Guest Systems Corporation**

622 Hungerford Dr., Suite 2  
Rockville, MD 20850  
(301) 424-4014  
David Burroughs, President  
Services: Pfs ApplSW Tky  
Private

**National Information Systems, Inc.**

1190 Saratoga Ave.  
San Jose, CA 95129  
(408) 985-7100  
Arden Scott, President  
IS Revenue (US only), FYE 12/87: \$ 4.0 m  
Total Employees: 38  
Services: ApplSW SysSW  
Private

**National Intergroup**

Public

**Subsidiaries/Divisions:**

**GENIX Corporation**

One Marquis Plaza  
5315 Campbell's Run Road  
Pittsburgh, PA 15205  
(412) 788-3700  
Raul Pupo, President  
Total Revenue, FYE 03/86: \$ 25.0 m  
IS Revenue: \$ 25.0 m  
Total Employees: 130  
Services: Proc

**National Investor Data Services, Inc.**

33 Slyling Point Road  
South Hampton, NY 11968  
(516) 283-1100  
Carl A. Froebel, President  
Services: ApplSW  
Private

**National Language Products**

1786 5th Street  
Berkeley, CA  
(415) 841-3500  
Bob Bozeman, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**National Medical Computer Services**

Please see Reynolds & Reynolds Company (The)

**National Planning Data Corporation**

P.O. Box 610  
61 Brown Road  
Ithaca, NY 14851  
(607) 273-8208  
Douglas Salter, President  
Private

**Nationwide Computer Services**

N. Interstate 45  
Box 610  
Ennis, TX 75119  
(214) 875-4746  
Clay Callaway, President  
Services: Proc ApplSW  
Private

**Subsidiaries/Divisions:**

**David Corporation**

100 California, Suite 614  
San Francisco, CA 94111  
(415) 362-4555  
Allan Burn, President  
IS Revenue (US only), FYE 12/87: \$ 3.6 m  
Total Employees: 30  
Services: ApplSW

**Natural Language Incorporated**

1802 Fifth Street  
Berkeley, CA 94710  
(415) 841-3500  
Tania Amochaev, CEO  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 30  
Services: SysSW  
Private

**Navic Software**

P.O. Box 14727  
Palm Beach, FL 33408  
(305) 627-4132  
Private

**NCA Corporation**

Acquired. Please see ASK Computer Systems, Inc.

**NCR Corporation**

1700 S. Patterson Blvd.  
Dayton, OH 45479  
(513) 445-5000  
Charles E. Exley, Jr., President  
IS Revenue (US only), FYE 12/87: \$ 480.0 m  
Services: Pfs Proc ApplSW SysSW  
Public

**Subsidiaries/Divisions:**

**NCR Data Services Division**

1700 S. Patterson Boulevard  
Dayton, OH 45479  
(513) 445-4606  
James D. Wise, Vice President  
Total Revenue, FYE 06/87: (Est) \$ 150.0 m  
Total Employees: 1,500  
Services: Proc

**NCR Data Services Division**

Please see NCR Corporation

**NDX Corporation**

10400 Eaton Place  
Fairfax, VA 22030  
(703) 273-1196  
Charles Dudley, President  
Services: ApplSW  
Private

**Neodata Services**

Please see Dun & Bradstreet Corporation (The)

**Netec International Inc.**

P.O. Box 180549  
Dallas, TX 75218  
(214) 324-2848  
Gart W. Goodwin, President  
IS Revenue (US only), FYE 12/87: \$ 1.5 m  
Total Employees: 11  
Services: SysSW  
Private

**Network Computing Corporation**

5301 77th Center Drive  
Charlotte, NC 28210  
(704) 525-8810  
James V. Tomai III, President  
Total Revenue, FYE 12/88: (Est) \$ 15.0 m  
Private

**Network Data Processing Corporation**

200 5th Ave. Southeast  
Cedar Rapids, IA 52401  
(319) 398-1800  
Robert H. Taylor  
Total Revenue, FYE 03/88: (Est) \$ 3.5 m  
IS Revenue: \$ 3.5 m  
Total Employees: 70  
Public

**Network Equipment Technologies, Inc.**

400 Penoblot Drive  
Redwood City, CA 94063  
(415) 366-4400  
Bruce D. Smith, President and CEO  
Total Revenue, FYE 03/88: (Est) \$ 90.6 m  
Total Employees: 850  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Network Innovations Corporation**

20863 Stevens Creek Blvd.  
Cupertino, CA 95014  
(408) 257-6800

Jim Groff, President  
Services: ApplSW  
Private

**Network Research Corporation**

Santa Monica, CA  
Private

**Network Software Associates, Inc.**

22982 Mill Creek  
Laguna Hills, CA 92653  
(714) 768-4013

Issac Kong, President  
IS Revenue (US only), FYE 03/87: \$ 3.1 m  
Total Employees: 40  
Services: Network SysSW  
Private

**Network Solutions**

8229 Boonck Blvd., 7th Floor  
Vienna, VA 22180  
(703) 442-0400

Emmit Mc Henry  
IS Revenue (US only), FYE 12/87: \$ 22.0 m  
Total Employees: 410  
Services: Pfs SysSW  
Private

**Network Strategies, Inc.**

10201 Lee Highway  
Fairfax, VA 22030  
(703) 352-9700

Charles Joyce, President  
Total Revenue, FYE 12/87: (Est) \$ 6.0 m  
IS Revenue: \$ 6.0 m  
Total Employees: 100  
Services: Pfs  
Private

**New Generation Software, Inc.**

1010 Hurlay Way  
Suite 195  
Sacramento, CA 95825  
(916) 920-2200

Albert Hartung, President  
Total Revenue, FYE 10/88: (Est) \$ 3.0 m  
IS Revenue: \$ 3.0 m  
Total Employees: 40  
Services: ApplSW SysSW  
Private

**Newline Software**

P.O. Box 402  
Littleton, MA 01460  
(617) 486-8535

Private

**Newmarket Software, Inc.**

44 Newmark Road  
Durham, NH 03824  
(603) 868-1592

Mr. Bill Duncan, President  
Private

**Newport Systems, Inc.**

P.O. Box 3705  
Bellvue, WA 98009  
(206) 451-8272

Gerald R. Nelson, President  
IS Revenue (US only), FYE 09/87: \$ 7.2 m  
Total Employees: 70  
Services: ApplSW  
Private

**Newport-West Data Services, Inc.**

294 Brokaw  
Santa Clara, CA 95050  
(408) 970-9188

John D. Harker, President  
Services: Pfs Tky  
Private

**New Source**

3008 Ridgemont Dr.  
San Jose, CA 95127  
(408) 727-2200

Bill Moore, President  
Private

**Newtrend Group (The)**

2600 Technology Dr.  
Orlando, FL 32804  
(407) 297-0870

Robert E. King  
IS Revenue (US only), FYE 01/87: \$ 27.7 m  
Total Employees: 185  
Services: Proc ApplSW Tky  
Private

**Subsidiaries/Divisions:**

**Modular Information Systems, Inc.**

2601 Technology Drive  
Orlando, FL 32804  
(305) 297-0870

John Person, President  
Total Revenue, FYE 01/87: \$ 30.0 m  
IS Revenue: \$ 30.0 m  
Total Employees: 150  
Services: Pfs ApplSW Tky

**New Venture/Ketchum Communications**

250 Sobrante Way  
Sunnyvale, CA 94086  
(408) 737-7070

Rob Campbell, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**New York Computer People**

One World Trade Center  
Suite 1307  
New York, NY 10048  
(212) 524-9337

Anthony C. Vickers  
Services: Pfs  
Private

**NEXT, Inc.**

3475 Deer Creek Road  
Palo Alto, CA 94304  
(415) 424-0200

Steven Jobs, President  
Private

**NFP Management Systems**

312 Mullet Court  
Foster City, CA 94404  
(415) 574-3230

Chris Castro, President  
IS Revenue (US only), FYE 03/87: \$ 0.1 m  
Total Employees: 1  
Services: ApplSW Tky  
Private

**Nichols & Company, Inc.**

5839 Green Valley Circle, Suite 104  
Culver City, CA 90230  
(213) 670-6400

John F. Nichols, President  
Services: ApplSW  
Private

**Nims Associates, Inc.**

363 South Main Street  
Decatur, IL 62523  
(217) 423-6115

Bruce Nims, President  
IS Revenue (US only), FYE 10/87: \$ 5.3 m  
Total Employees: 33  
Services: Pfs  
Private

**Nixdorf Computer Corp.**

300 Third Ave  
Waltham, MA 02154  
(617) 890-3600

Private

**Subsidiaries/Divisions:**

**Nixdorf Computer Engineering Co.**

6517 Everglades Dr.  
Richmond, VA 23225  
(804) 276-9200

Jose Santiago, President  
Services: ApplSW

**Nixdorf Computer Engineering Co.**

Please see Nixdorf Computer Corp.

**Nolan, Norton & Company, Inc.**

Please see Peat, Marwick, Main & Company

**Nomura Computer System Co., Ltd.**

29 Yotsuya  
4-Chome  
Shinjuku-ku 160  
Tokyo  
Japan  
(03) 352-8211

Shosuke Matsuura, President  
Private

**Non-Procedural Systems, Inc.**

51 Riverside Avenue  
Westport, CT 06880  
(203) 222-0230

Harold Fienlab, Chairman  
Private

**Norrell Corporation**

3092 Piedmont Road  
Atlanta, GA 30305  
(404) 262-2100

**Subsidiaries/Divisions:**

**Norrell Systems Corporation**

3098 Piedmont Rd., Suite 404  
Atlanta, GA 30305  
(404) 262-2298

David Harvin  
Services: Pfs ApplSW  
Private

**Norrell Systems Corporation**

Please see Norrell Corporation

**North American Business Systems, Inc.**

3840 Lindell Road  
St. Louis, MO 63108  
(314) 534-7404

James L. Buckley, Jr., President  
Services: Pfs  
Private

**North American Ventures, Inc.**

**Subsidiaries/Divisions:**

**Butler Computer Graphics**

5200 East Evans  
Denver, CO 80222  
(303) 756-8811

Bill Knight, President  
Services: Pfs ApplSW

**CAMS 1988**  
**Directory of Information Services Companies**

**North Bay Systems, Inc.**

1623 Bridgeway, Suite 100  
Sausalito, CA 94965  
(415) 331-3664

Thomas Anderson, President  
Services: ApplSW  
Private

**Northeast Business Computers, Inc.**

49 Centerville Road  
Warwick, RI 02886  
(401) 738-7055

Douglas J. Howard, President  
Total Employees: 20  
Services: Pfs ApplSW Tky  
Private

**Northeastern Computer Service, Inc.**

6464 Ridings Road  
Syracuse, NY 13206  
(315) 463-0200

Ralph V. Polera, President  
Services: Proc  
Public

**Northern Telecom, Inc.**

Please see Northern Telecom, Ltd.

**Northern Telecom, Ltd.**

Canada

**Subsidiaries/Divisions:**

**Northern Telecom, Inc.**

Northern Telecom Plaza  
200 Athens Way  
Nashville, TN 37228-1803  
(615) 734-4000

Roy Merrills, President  
IS Revenue (US only), FYE 12/87: \$ 40.0 m  
Total Employees: 50,000  
Services: ApplSW SysSW

**Northouse Industries, Inc.**

7110 W. Fond du Lac Avenue  
Milwaukee, WI 53218  
(414) 438-0610

Rich Northouse, President  
Private

**Northwest Analytical, Inc.**

520 N.W. Davis Street  
Portland, OR 97209  
(503) 224-7727

Jeffrey L. Cawley, CEO  
IS Revenue (US only), FYE 12/87: \$ 0.6 m  
Total Employees: 12  
Services: ApplSW  
Private

**Northwest Management Services, Inc.**

3232 East Lake East  
Seattle, WA 98102  
(206) 329-9990

Michael Herman, COO  
IS Revenue (US only), FYE 01/87: \$ 5.4 m  
Total Employees: 60  
Services: Proc  
Private

**Norton-Lambert Corp.**

P.O. Box 4085  
Santa Barbara, CA 93140  
(805) 687-8896

Richard DeMornay, Director of Marketing/Sales  
Total Employees: 100  
Services: SysSW  
Private

**Nortridge Software, Inc.**

P.O. Box 522  
Freeport, IL 61032  
(815) 233-2050

Vale Nortridge, President  
IS Revenue (US only), FYE 12/87: \$ 2.1 m  
Total Employees: 17  
Services: Pfs ApplSW  
Private

**Norwest Corporation**

1200 Peavey Building  
Minneapolis, MN 55479  
(612) 372-8268

Lloyd P. Johnson, President  
Total Revenue, FYE 12/86: \$ 559.0 m  
IS Revenue: \$ 25.9 m  
Public

**Subsidiaries/Divisions:**

**Norwest Financial Information Services**

206 8th St.  
Des Moines, IA 50309  
(515) 243-2131

Richard Lovitt  
IS Revenue (US only), FYE 12/87: \$ 31.0 m  
Services: Proc

**Norwest Financial Information Services**

Please see Norwest Corporation

**Nova Graphics International Corp.**

1515 Capital-TX Hwy. S.  
Austin, TX 78746  
(512) 327-9300

Harold Blair, President  
Total Revenue, FYE 06/88: (Est) \$ 1.0 m  
IS Revenue: \$ 1.0 m  
Total Employees: 10  
Services: SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Novell, Inc.**

122 E. 1700 South  
Provo, UT 84601  
(801) 379-5900  
Raymond J. Noorda, President  
IS Revenue (US only), FYE 10/87: \$ 135.5 m  
Total Employees: 1,300  
Services: Pfs SysSW  
Public

**NSA, Inc.**

One Cherry Hill  
Cherry Hill, NJ 08002  
(215) 922-4080  
Nathan Konecky, President  
Total Revenue, FYE 09/86: \$ 6.9 m  
IS Revenue: \$ 6.9 m  
Total Employees: 162  
Services: Pfs  
Public

**NSC, Inc.**

207 S. Main Street  
Brillion, WI 54110  
(414) 756-5305  
Lawrence J. Nies, President  
IS Revenue (US only), FYE 12/87: \$ 1.5 m  
Total Employees: 16  
Services: Pfs ApplSW  
Private

**NuClas Corp.**

239 Fox Hill Road  
Denville, NJ 07834  
(201) 625-8838  
George Blank, President  
Services: Pfs ApplSW Tky  
Private

**NuComp Systems, Inc.**

Merged with Broadway & Seymour, Inc.

**Numerax, Inc.**

Please see McGraw-Hill, Inc.

**Numerical Algorithms Group (England)**

England  
Private

**Subsidiaries/Divisions:**

**Numerical Algorithms Group Inc.**

1101 31st Street, #100  
Downers Grove, IL 60515  
(312) 971-2337  
Brian Ford, President  
Total Revenue, FYE 03/88: (Est) \$ 2.5 m  
Total Employees: 11  
Services: ApplSW

**Numerical Algorithms Group Inc.**

Please see Numerical Algorithms Group (England)

**Numeridex, Inc.**

241 Holbrook Drive  
P.O. Box 11000  
Wheeling, IL 60090  
(312) 541-8840

**William Gapp, President**

Services: Pfs  
Private

**Nutri Med. Inc.**

3400 Silver Stone Drive  
Plain Oak, TX 75023  
(214) 985-9243

**Hal Richardson, President**

IS Revenue (US only), FYE 12/87: \$ 0.1 m  
Total Employees: 2  
Services: Pfs ApplSW SysInt Tky  
Private

**NY Information Systems Inc.**

1653 East Main St.  
Rochester, NY 14609  
(716) 654-8710

**Walter C. Pacygga, President**

Services: Pfs Proc ApplSW Tky  
Private

**Nynex**

Public

**Subsidiaries/Divisions:**

**BIS Banking Systems, Inc.**

900 Third Avenue, 21st Floor  
New York, NY 10022  
(212) 688-7300

**Fraser Chambers, President**

IS Revenue (US only), FYE 01/87: \$ 7.5 m  
Total Employees: 63  
Services: Pfs ApplSW SysInt

**DATA Group Corporation (The)**

Burlington Bus. Cen. Two  
77 S. Bedford Street  
Burlington, MA 01803  
(800) 247-1300

**Al Atkinson, President**

Total Employees: 145  
Services: ApplSW



**CAMS 1988**  
**Directory of Information Services Companies**

**Oakland Management Services**

1754 Maplelawn  
P.O. Box 1019  
Troy, MI 48099  
(313) 524-9590  
Jeff Budginstien, General Manager  
Services: ApplSW  
Private

**OAQ Corporation**

7500 Greenway Center  
Greenbelt, MD 20770-3585  
(301) 345-0750  
Cecile deListe Barker, President  
IS Revenue (US only), FYE 06/87: \$ 78.0 m  
Total Employees: 1,400  
Services: Pfs Proc SysInt  
Private

**Oasys**

230 Second Avenue  
Waltham, MA 02154  
(617) 890-7889  
Joel Schacht, President  
IS Revenue (US only), FYE 09/87: \$ 2.8 m  
Total Employees: 30  
Services: SysSW  
Private

**Ocean Data Systems**

**Subsidiaries/Divisions:**

**Information Strategies, Inc. (ISI)**

236 Boston Post Road  
Orange, CT 06477  
(203) 795-6016  
Robert Leary, President  
Services: Pfs ApplSW

**Oceanic Information Systems, Inc.**

Please see Oceanic Information Systems, Inc. CANADA

**Oceanic Information Systems, Inc. CANADA**

Roxdale  
Ontario  
Canada  
Services: ApplSW  
Private

**Subsidiaries/Divisions:**

**Oceanic Information Systems, Inc.**

Middlesex Technology Center #8  
900 Middlesex Turnpike  
Billerica, MA 01821  
(617) 633-0194  
Michael Ford, President  
Services: ApplSW

**OCTAL Inc.**

1951 Colony Street  
Mountain View, CA 94043  
(415) 962-8080  
Ralph H. Gudit, President  
Services: Proc ApplSW  
Private

**Octel Communications Corporation**

890 Tasman Drive  
San Jose, CA 95035-7439  
(408) 942-6700  
Robert Cohn, President  
Total Revenue, FYE 06/86: (Est) \$ 10.0 m  
IS Revenue: \$ 10.0 m  
Total Employees: 150  
Services: Tky  
Private

**ODESTA Corporation**

4084 Commercial Avenue  
Northbrook, IL 60062  
(312) 498-5615  
Daniel Cheifetz, President  
Services: Pfs  
Private

**Odin Data Systems, Inc.**

425 Bush St., Suite 205  
San Francisco, CA 94108  
(415) 433-2165  
Floyd Osborn, President  
Total Revenue, FYE 06/86: \$ 1.5 m  
IS Revenue: \$ 1.5 m  
Total Employees: 15  
Services: Proc  
Private

**Office Express, Inc.**

Public

**Subsidiaries/Divisions:**

**Top Down Systems**

15850 Crabs Ranch West #340  
Rockville, MD 20855  
(301) 251-9400  
Dennis Burke, President  
IS Revenue (US only), FYE 01/87: \$ 0.8 m  
Total Employees: 7  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Officesmiths Inc.**

331 Cooper Street,  
5th Floor  
Ottawa K2P0G5  
Ontario  
Canada  
(613) 235-6749

Glenn A. McInnes, President  
Total Revenue, FYE 06/89: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 18  
Services: Pfs ApplSW Tky  
Private

**Office Solutions, Inc.**

2802 Coho Street  
Madison, WI 53713  
(608) 274-5047

Jan Eddy, President  
IS Revenue (US only), FYE 03/87: \$ 4.2 m  
Total Employees: 67  
Services: Pfs ApplSW  
Private

**Offshore Information Services, Inc.**

One Central Avenue  
Tarrytown, NY 10591  
(914) 631-1757

Robert Denzau, President  
Services: Proc  
Private

**Offutt Publishing**

1400 Battleground Ave.  
Suite 116  
Greensboro, NC 27408  
(919) 271-4300

Robert L. Offutt, President  
Private

**O'Hanlon Computer Systems, Inc.**

11058 Main Street, Suite 250  
Bellevue, WA 98004  
(206) 454-5350

Frank Cosley, President  
IS Revenue (US only), FYE 12/87: \$ 0.8 m  
Total Employees: 21  
Services: Network ApplSW Tky  
Private

**Oil-Tronix, Ltd.**

1580 Lincoln Street  
Suite 1240  
Denver, CO 80203  
(303) 832-1240

Harold L. Hawkins, President  
Total Revenue, FYE 12/87: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 3  
Services: Proc ApplSW  
Private

**Oklahoma Publishing Company**

**Subsidiaries/Divisions:**

**Data Times**

14000 Quail Springs Parkway  
Suite 450  
Oklahoma City, OK 73134  
(405) 751-6400

Allen Paschal, Vice President  
Services: Proc

**Olivetti**

Iveria 10015  
Italy  
(011) 39-225525  
Public

**Subsidiaries/Divisions:**

**Bunker Ramo, An Olivetti Co.**

2 Enterprise Drive  
Shelton, CT 06484  
(203) 337-1200

**James Lindner**

Total Revenue, FYE 12/88: (Est) \$ 20.0 m  
IS Revenue: \$ 20.0 m  
Total Employees: 750  
Services: Tky

**Omega Systems, Inc.**

160 N. Craig Street  
Suite 212  
Pittsburgh, PA 15213  
(412) 681-7575

William D. Mariotti, President  
Services: Pfs ApplSW SysSW Tky  
Private

**Omnigate, Inc.**

139 Townsend Street  
Suite 203  
San Francisco, CA 94107  
(415) 781-6464

**Dwight Holmberg**

Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 6  
Services: ApplSW  
Private

**Omtool Corporation**

1455 Main Street  
P.O. Box 477  
Tewksbury, MA 01876  
(617) 851-6245

Marting Schultz, President  
Services: ApplSW SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**One Point**

2835 Mitchell Drive  
Walnut Creek, CA 94598  
(415) 947-0850

Patrick J. Burns

Private

Subsidiaries/Divisions:

**Automated Distribution Services**

2835 Mitchell Drive  
Walnut Creek, CA 94598  
(415) 967-0860

Steven Clouttree, President

**Online Accounting Systems**

6400 West Park, Suite 400  
P.O. Box 571265  
Houston, TX 77257-7215  
(713) 974-0043

Edwin Wolf, President

IS Revenue (US only), FYE 12/87: \$ 1.0 m

Total Employees: 12

Services: Pfs Proc ApplSW

Private

**On-Line Business Systems, Inc.**

115 Sansome Street  
San Francisco, CA 94104  
(415) 391-9555

Jeffrey D. Stein, President

IS Revenue (US only), FYE 10/87: \$ 17.0 m

Total Employees: 185

Services: Pfs Proc SysSW

Private

**Online Computer Library Center**

6565 Frantz Road  
Dublin, OH 43017  
(614) 764-6000

Rowland Brown, President

Total Employees: 900

Services: Pfs Network ApplSW SysSW Tky

Private

**Online Computer Systems, Inc.**

Please see Reed International PLC

**Online Computer Systems, Inc.**

500 Newport Center Dr., Suite 715  
Newport Beach, CA 92660  
(714) 644-1801

Ray Wells, President

Private

**Online Database Software, Inc.**

One Blue Hill Plaza  
Box 1725  
Pearl River, NY 10965  
(914) 735-1515

Services: Pfs

Private

**Online People Inc.**

7100 Woodbine Avenue  
Suite 300  
Markham L3R 5J2  
Ontario  
Canada  
(416) 479-BOLD

Private

**On-Line Software International, Inc.**

Fort Lee Executive Park  
Two Executive Dr.  
Fort Lee, NJ 07024  
(201) 592-0009

Jack M. Berdy, Chairman

IS Revenue (US only), FYE 05/87: \$ 60.0 m

Total Employees: 828

Services: Pfs SysSW

Public

**On-Syte**

1309 W. 15th Street  
Suite 130  
Plano, TX 75075  
(214) 423-5300

Cliff Lazarine, President

Total Revenue, FYE 10/86: (Est) \$ 8.0 m

Total Employees: 100

Services: Proc

Private

**Ontologic, Inc.**

47 Manning Road  
Billerica, MA 01821  
(617) 667-2383

Robert Berkowitz

Services: ApplSW

Private

**Operations Control Systems**

560 San Antonio Road  
Palo Alto, CA 94306  
(415) 443-4122

Gary Leight, President

Total Revenue, FYE 12/86: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 35

Services: Pfs ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Optical Storage Solutions, Inc.**

1130 "D" Burnett Avenue  
Concord, CA 94520  
(415) 825-3441

Keith Ragsdale  
Total Employees: 156  
Services: SysSW  
Private

**Optic Graphics, Inc.**

101 Dover Road  
Glenburnie, MD 21061  
(301) 768-3000

Private

**Opticom Corporation**

6895 Via Del Oro  
San Jose, CA 95119  
(408) 281-6069

John Pistacchi, President  
Total Revenue, FYE 12/86: (Est) \$ 1.0 m  
IS Revenue: \$ 1.0 m  
Total Employees: 10  
Services: Pfs ApplSW  
Private

**Optimal Computer Solutions**

6895 Via Del Oro  
San Jose, CA 95119  
(408) 281-6069

John Pistacchi, President  
Services: Pfs Proc ApplSW Tk  
Private

**Optimal Division Systems**

4380 Malsbary Road  
Cincinnati, OH 45242  
(513) 891-4444

Private

**Optimation**

645 N. Powell Road  
Independence, MO 64050  
(816) 257-1500

Michael D. Lundy, President  
Total Revenue, FYE 06/88: (Est) \$ 5.0 m  
Total Employees: 80  
Services: ApplSW  
Private

**Opus Corporation (The)**

20251 Century Boulevard  
GermanTown, MD 20874  
(301) 428-3222

Keith R. McCall, President  
Total Revenue, FYE 04/86: (Est) \$ 6.0 m  
IS Revenue: \$ 6.0 m  
Total Employees: 55  
Services: Pfs ApplSW  
Private

**Oracle Systems Corporation**

20 Davis Drive  
Belmont, CA 94002  
(415) 598-8000

Lawrence J. Ellison, President  
IS Revenue (US only), FYE 05/87: \$ 93.4 m  
Total Employees: 1,072  
Services: Pfs ApplSW SysSW  
Public

**Orbis, Inc.**

20 Catamore Blvd  
East Providence, RI 02914  
(404) 431-0900

Clinton Wright, President  
IS Revenue (US only), FYE 12/87: \$ 4.1 m  
Total Employees: 29  
Services: Pfs ApplSW  
Public

**Ordertrack Corporation**

5500 Interstate North Pkwy  
Atlanta, GA 30339  
(404) 951-1000

Anthony DeCouto, President  
Services: ApplSW  
Private

**Oregon Software, Inc.**

6915 S.W. Macadam Avenue  
Suite 200  
Portland, OR 97219  
(503) 245-2202

W. Walter Borowsky, President  
IS Revenue (US only), FYE 08/87: \$ 1.7 m  
Total Employees: 54  
Services: SysSW  
Private

**Organization Change Associates, Inc.**

750 Old Main Street  
(203) 257-9322

Jeffrey R. Pilgrim, President  
Total Revenue, FYE 12/87: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 20  
Services: Pfs Network ApplSW  
Private

**ORI-Calculon Corporation**

2440 Research Blvd.  
Rockville, MD 20850  
(301) 258-5300

Norman Alexander  
Total Employees: 850  
Services: Pfs  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**ORIGIN Systems, Inc.**

136 Harvey Road, Bldg. B  
Londonderry, NH 03053  
(603) 644-3360

Robert Garriott

Total Employees: 50

Services: ApplSW

Private

**Oriole Software, Inc.**

8600 La Salle Road  
Oxford Building Suite 630  
Towson, MD 21204  
(301) 823-0551

Dave Fernald

Services: ApplSW Tky

Private

**Orion Group, Ltd. (The)**

1995 University Ave., Ste. 350  
Berkeley, CA 94704  
(415) 548-0947

Paul Rampel, President

IS Revenue (US only), FYE 01/87: \$ 5.1 m

Total Employees: 34

Services: Network

Private

**Orion Software, Inc.**

1050 Waltham Street  
Lexington, MA 02173  
(617) 862-9222

Wilton Rooks, President

Services: ApplSW

Private

**Ortho Information Services**

575 Market Street  
San Francisco, CA 94105  
(415) 894-0277

Services: ApplSW

Private

**OTF Equities, Inc.**

1400 Ford Building  
Detroit, MI 48226  
(313) 964-5907

Public

**Outlook Software, Inc.**

Woodfield Lake, Suite #117  
Schaumburg, IL 60195  
(312) 882-6570

Robert Hunter, President

Services: Pfs ApplSW

Private

**Ovation Technologies**

770 Dedham Street  
Canton, MA  
(617) 821-1420

Thomas Gregory, President

Services: ApplSW

Private

**Overfelt Company, Inc.**

1125 Grand Avenue  
Kansas City, MO 64106  
(816) 474-6760

Charles R. Overfelt, President

Services: Proc ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**PAC Corporation**

1617 St. Mark's Plaza  
Suite A  
Stockton, CA 95207  
(209) 951-8697  
Michael Van Derworp, President  
Total Revenue, FYE 12/86: \$ 3.0 m  
IS Revenue: \$ 3.0 m  
Total Employees: 45  
Services: Tky  
Private

**Pace Computer Systems**

6300 Classen Blvd., Suite A101  
Oklahoma, OK 73118  
(405) 843-0618  
Jim Archie, President  
Services: Pfs Proc ApplSW  
Private

**Pace Group, Inc.**

520 North 4th Street, Suite 201A  
Springfield, IL 62702  
(217) 528-2288  
Mike Burkhardt, President  
IS Revenue (US only), FYE 10/87: \$ 2.4 m  
Total Employees: 20  
Services: Proc  
Private

**Pacer Software, Inc.**

1227 Pearl Street  
La Jolla, CA 92037  
(619) 454-0565  
Garth Corboy, President  
Services: Pfs ApplSW  
Private

**Pacific Computer Systems**

15412 Electronic Lane  
Huntington Beach, CA 92649  
(213) 598-0421  
Tim Jensen, President  
IS Revenue (US only), FYE 03/87: \$ 1.3 m  
Total Employees: 35  
Services: Proc  
Private

**Pacific Data Systems**

701 Welch Road  
Suite 1119  
Palo Alto, CA 94304  
(415) 328-0736  
Services: Pfs SysInt Tky  
Private

**Pacific Decision Sciences Corporation**

5757 Wilshire Blvd.  
Suite 360  
Los Angeles, CA 90036  
(213) 931-1133  
Hark M. Vasa, President  
Total Revenue, FYE 06/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 15  
Services: Pfs Tky  
Private

**Pacific-Sierra Research Corporation**

Please see Eaton Corporation

**Pacific Western Bancshares**

333 West Santa Clara Street  
San Jose, CA 95113  
(408) 244-1700  
Private

**Subsidiaries/Divisions:**

**Pacific Western Information Systems**

1245 S. Winchester Blvd., Suite 303  
San Jose, CA 95128  
(408) 246-4762  
Gwen Spertell, President  
Total Revenue, FYE 12/88: (Est) \$ 7.5 m  
Total Employees: 35  
Services: ApplSW SysInt Tky

**Pacific Western Information Systems**

Please see Pacific Western Bancshares

**Packaged Solutions, Inc.**

One Huntington Quadrangle, Suite #2C14  
Melville, NY 11747  
(516) 752-1640  
David M. Schiffer  
Total Revenue, FYE 12/87: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 3  
Services: ApplSW  
Private

**P.A. Computers and Telecommunications**

5 Independence Way  
Princeton, NJ 08540  
(609) 452-8748  
Steven Payne, President  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Palace Computer Services, Inc.**

125 Cedar St.  
New York, NY 10006  
(212) 608-9970  
Sandy Gant, President  
Services: Pfs ApplSW Tky  
Private

**Paladin Software Corporation**

2700 Austin Drive, Suite 178  
Santa Clara, CA 95054  
(408) 970-0566  
Services: ApplSW  
Private

**Palantir Software**

12777 Jones Rd., Suite 100  
Houston, TX 77070  
(713) 955-8880

Dennis J. Bilbe, President  
IS Revenue (US only), FYE 12/87: \$ 1.6 m  
Total Employees: 20  
Services: ApplSW  
Private

**Palladian Software, Inc.**

4 Cambridge Center  
11th Floor  
Cambridge, MA 02142  
(617) 661-1771

John Karcane, President  
Services: ApplSW  
Private

**PALLM, Inc.**

Please see CAPSCO PALLM Systems

**Pan American Systems Corporation**

631 South Orlando Avenue #400  
Winter Park, FL 32789  
(305) 740-6212

IS Revenue (US only), FYE 12/87: \$ 2.2 m  
Total Employees: 21  
Services: Tky  
Private

**Panatec**

11450 Markeon Drive  
Garden Grove, CA 92641  
(714) 895-3855

Bob Jones, CEO  
Services: Pfs ApplSW Tky  
Public

**Pansophic Systems, Inc.**

709 Enterprise Drive  
Oak Brook, IL 60521  
(312) 572-6000  
Mr. David J. Eskra, CEO  
IS Revenue (US only), FYE 04/87: \$ 71.6 m  
Total Employees: 1,100  
Services: ApplSW SysSW  
Public

**Paperback Software International**

2830 9th Street  
Berkeley, CA 94710  
(415) 644-2116  
Adam Osborne, Chairman  
Total Revenue, FYE 12/86: (Est) \$ 3.5 m  
IS Revenue: \$ 3.5 m  
Total Employees: 35  
Services: ApplSW  
Private

**Paragon Technology Corporation**

2199 Norse Drive  
Pleasant Hill, CA 94523  
(415) 767-4741  
Philip J. Morego, President  
Services: Tky  
Private

**Parallax Systems, Inc.**

60 W. 90th Street  
New York, NY 10011  
(212) 475-4001  
Kevin R. Weaver, President  
Services: ApplSW  
Private

**Parameter Driven Software**

30800 North Telegraph Road, Suite 3820  
Birmingham, MI 48010  
(313) 540-4460  
Pat Comeaux, President  
IS Revenue (US only), FYE 01/87: \$ 5.0 m  
Total Employees: 31  
Services: Pfs ApplSW  
Private

**Paramis, Inc.**

1771A Mitchell North  
Irvine, CA 92714  
(714) 863-0628  
Rod William, President  
Services: Pfs  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Para Research, Inc.**

85 Eastern Avenue  
Gloucester, MA 01930  
(617) 283-3438

Bruce Levick, Vice President

Total Revenue, FYE 04/88: (Est) \$ 3.0 m

IS Revenue: \$ 3.0 m

Total Employees: 40

Services: ApplSW

Private

**Parker Hannifan Corporation**

17325 Euclid Avenue  
Cleveland, OH 44112  
(216) 531-3000

Public

Subsidiaries/Divisions:

**Gull Resource Management Systems, Inc.**

300 Marcus Blvd.  
Smithtown, NY 11787  
(516) 435-0600

Larry Perry, President

IS Revenue (US only), FYE 06/87: \$ 5.8 m

Total Employees: 62

Services: ApplSW Tky

**PAR Technology Corporation**

220 Seneca Turnpike  
New Hartford, NY 13143  
(315) 738-0600

John W. Sammon, Jr., President

Public

**PASS, Inc.**

9006 Woodbluff  
Dallas, TX 75243  
(214) 341-8208

Delbert Stehl, Sr., President

IS Revenue (US only), FYE 12/87: \$ 0.1 m

Total Employees: 3

Services: Pfs Proc

Private

**Pathway Design, Inc.**

One Apple Hill  
P.O. Box 8179  
Natick, MA 01760  
(617) 237-7722

Bob Broggi, President

Services: ApplSW Tky

Private

**Pattern Systems of New Jersey**

1259 Route 46, Building 2  
Parsippany, NJ 07054  
(201) 335-7804

Robert Gowen, President

Services: ApplSW

Private

**Patton Consultants, Inc.**

3699 W. Henrietta Road  
Rochester, NY 14623  
(716) 334-2554

Joseph Patton, Jr., President

Total Revenue, FYE 12/88: (Est) \$ 1.5 m

IS Revenue: \$ 1.5 m

Total Employees: 12

Services: Pfs

Private

**Paxus Information Services Group Limited**

3-13 Shortland Street  
Auckland 1  
New Zealand  
(649) 778-820

G.R. Wheeler, General Manager

Services: Pfs Proc ApplSW Tky

Public

**Paychex, Inc.**

911 Panorama Trail, South  
Rochester, NY 14625-0397  
(716) 385-6666

B. Thomas Golisano, Chairman

IS Revenue (US only), FYE 05/87: \$ 71.5 m

Total Employees: 1,350

Services: Proc

Public

**Payco American Corporation**

180 North Executive Drive  
Brookfield, WI 53005  
(414) 784-9035

Dennis Panches, President

Total Employees: 2,000

Services: Proc

Public

**Pay-Fone Systems, Inc.**

8100 Balboa Boulevard  
Van Nuys, CA 91406  
(818) 997-0808

Guy Lundburg, President

Services: Proc

Public

**Payment Services Group**

124 Hebron Avenue  
Glastonbury, CT 06033  
(203) 659-4093

Jack Thorne, President

IS Revenue (US only), FYE 12/87: \$ 1.3 m

Total Employees: 11

Services: ApplSW

Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Payroll Company, Inc. (The)**

One Division St.  
San Francisco, CA 94103  
(415) 621-2121  
Russell Holdstein, President  
Total Revenue, FYE 09/86: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 50  
Services: Proc  
Private

**Payroll General Corporation**

Acquired. Please see Paychex, Inc.

**PBL Associates**

10 Cottage Avenue  
Point Richmond, CA 94801  
(415) 234-4338  
C. Paul Buist III, President  
IS Revenue (US only), FYE 01/87: \$ 2.3 m  
Total Employees: 37  
Services: ApplSW  
Private

**PC + Products**

175 McCarthy Boulevard  
Milpitas, CA 95035  
(408) 945-8711  
Private

**PC Quote, Inc.**

401 South LaSalle Street  
Suite 1600  
Chicago, IL 60605  
(312) 786-5400  
Louis J. Morgan  
Total Revenue, FYE 12/87: (Est) \$ 6.0 m  
IS Revenue: \$ 6.0 m  
Total Employees: 60  
Services: Network ApplSW Tky  
Public

**PCS Data Processing, Inc.**

140 Cedar St.  
3rd Floor  
New York, NY 10006  
(212) 964-4646  
Stanley Berger, President  
IS Revenue (US only), FYE 10/87: \$ 2.3 m  
Total Employees: 45  
Services: Proc  
Public

**PC World Communications Inc.**

555 DeHaro Street  
San Francisco, CA 94107  
(415) 861-3861  
Private

**PDA Engineering**

2975 Red Hills Avenue  
Costa Mesa, CA 92626  
(714) 540-8900  
John E. McDonald, President  
Total Revenue, FYE 06/86: \$ 17.4 m  
IS Revenue: \$ 9.5 m  
Total Employees: 126  
Services: Pfs Proc ApplSW  
Public

**Peaksolutions**

2626 East 82nd St.  
Suite 101  
Minneapolis, MN 55420  
(612) 854-0228  
Larry Walker, President  
IS Revenue (US only), FYE 12/87: \$ 0.2 m  
Total Employees: 18  
Services: Tky  
Private

**Pearce Tire Management Systems**

9629 Ocean Drive  
Stone Harbor, NJ 08247  
(609) 368-1212  
Joseph E. Pearce, President  
Services: ApplSW  
Private

**Pearl Data Systems**

81 Great Valley Parkway, Suite 800  
Malvern, PA 19355  
(215) 647-2210  
Services: ApplSW Tky  
Private

**Peat, Marwick, Main & Company**

3 Chestnut Ridge Road  
Montvale, NJ 07645-0435  
(201) 307-7000  
IS Revenue (US only), FYE 12/87: \$ 190.0 m  
Total Employees: 256  
Services: Pfs  
Private

**Subsidiaries/Divisions:**

**Nolan, Norton & Company, Inc.**

One Cranberry Hill  
Lexington, MA 02173  
(617) 862-8820  
David P. Norton, President  
Total Employees: 200  
Services: Pfs

**CAMS 1988**  
**Directory of Information Services Companies**

**Pecan Software Systems**

1410 39th Street  
Brooklyn, NY 11218  
(718) 851-3100  
Ted Obermeister, President  
Services: ApplSW  
Private

**Pelada Informatica**

562 Johnson Street  
Kingston K7L2A  
Ontario  
Canada  
(613) 549-1747  
Private

**Penguin Software**

830 4th Avenue  
Box 311  
Geneva, IL 60134  
(312) 232-1984  
Services: ApplSW  
Private

**Penn Central Federal Systems Company**

Private

**Subsidiaries/Divisions:**

**Vitro Corporation**

1400 Georgia Avenue  
Silver Spring, MD 20901  
(301) 231-1000  
Services: Pfs ApplSW

**Pentamaton Enterprises, Inc.**

1 Bethlehem Plaza  
Bethlehem, PA 18018  
(215) 691-3616  
IS Revenue (US only), FYE 09/87: \$ 33.0 m  
Total Employees: 500  
Services: Proc ApplSW Tky  
Private

**Penta Systems International, Inc.**

309 East Federal St.  
Baltimore, MD 21202  
(301) 685-7258  
C. Victor Meyer  
IS Revenue (US only), FYE 01/87: \$ 22.0 m  
Total Employees: 140  
Services: Tky  
Public

**Perceptronics, Inc.**

6271 Variel Avenue  
Woodland Hills, CA 91367  
(818) 884-7470  
Dr. Amos Freedy, President  
Total Revenue, FYE 03/88: (Est) \$ 57.0 m  
Total Employees: 350  
Public

**Peregrine Systems, Inc.**

15530 Rockfield Blvd., Building C  
Irvine, CA 92718  
(714) 855-3923  
Chris Cole, President  
Total Revenue, FYE 03/86: \$ 1.5 m  
IS Revenue: \$ 1.4 m  
Total Employees: 25  
Services: Pfs ApplSW  
Private

**Perfect Software, Inc.**

99 W. Tenth, Suite 318  
Eugene, OR 97401  
(503) 344-7638  
Buck Lindsey, President  
Services: ApplSW  
Private

**Performance Software, Inc.**

575 Southlake Blvd.  
Richmond, VA 23236  
(804) 794-1012  
Thomas D. Steele, President  
IS Revenue (US only), FYE 03/87: \$ 1.0 m  
Total Employees: 5  
Services: SysSW  
Private

**Performance Systems, Inc.**

30 Courthouse Square  
Rockville, MD 20850  
(301) 762-0300  
Fred Silver, President  
IS Revenue (US only), FYE 01/87: \$ 1.9 m  
Total Employees: 18  
Services: SysSW  
Private

**Perkin-Elmer**

Public

**Subsidiaries/Divisions:**

**Concurrent Computer Corporation**

106 Apple St.  
Tinton Falls, NJ 07724  
(201) 758-7000  
James Sims, President  
Total Employees: 2,782  
Services: Pfs SysSW Tky  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Perle Systems, Inc.**  
1980 Springer Drive  
Lombard, IL 60148  
(312) 932-4171

Joe Perle  
Total Revenue, FYE 05/88: (Est) \$ 13.0 m  
IS Revenue: \$ 10.4 m  
Total Employees: 260  
Services: Network Tky  
Public

**Perot Systems Corporation**  
Vienna, VA  
H. Ross Perot, President  
Private

**Persoft, Inc.**  
465 Science Drive  
Madison, WI 53711  
(608) 273-6000

Richard Mueller, President  
Total Revenue, FYE 12/86: \$ 3.0 m  
IS Revenue: \$ 3.0 m  
Total Employees: 50  
Services: ApplSW  
Private

**Personal CAD Systems, Inc.**  
1290 Parkmoor Ave.  
San Jose, CA 95126  
(408) 971-1300  
Doug Stone, President  
IS Revenue (US only), FYE 12/87: \$ 19.5 m  
Total Employees: 85  
Services: ApplSW  
Private

**Personics Corporation**  
2352 Main Street  
Concord, MA 01742  
(617) 897-1575  
Marc Peterson, President  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 16  
Private

**Personnel Data Systems, Inc.**  
Meetinghouse Business Center  
2240 Butler Pike  
Plymouth Meeting, PA 19462  
(215) 828-4294  
Steve Brody, President  
IS Revenue (US only), FYE 03/87: \$ 5.0 m  
Total Employees: 33  
Services: ApplSW  
Private

**Personnel Metrics, Inc.**  
1001 6th Avenue  
New York, NY 10016  
(212) 967-9300  
Services: Pfs Proc ApplSW  
Private

**Pertaine Systems, Inc.**  
805 Veterans Blvd., Suite 110  
Redwood City, CA 94063  
(415) 367-9827  
Normand Fontaine, President  
Total Revenue, FYE 02/86: \$ 1.2 m  
IS Revenue: \$ 1.2 m  
Total Employees: 30  
Services: Pfs ApplSW  
Private

**Pertmaster International, Inc.**  
Name changed. Please see Projectronix, Inc.

**Peter R. Johnson + Associates, Inc.**  
500 Drake's Landing Road  
Greenbrae, CA 94904  
(415) 461-3459

Peter R. Johnson, President  
Services: Pfs ApplSW  
Private

**Petrocomp Systems Inc.**  
1111 N. Loop West, Suite 940  
Houston, TX 77008  
(713) 880-0226  
Mike Ball, Vice President  
Services: Pfs ApplSW  
Private

**Petroleum Information Corporation**  
Please see Dun & Bradstreet Corporation (The)

**Petroleum Software Systems**  
8265 South Walker  
Oklahoma City, OK 73139  
(405) 636-1587  
Services: ApplSW  
Private

**Petro Minerals Corporation**  
107 Lakes Drive  
Atlanta, GA 30339  
(404) 432-3490  
Private

**Petro Solutions, Inc.**  
Please see Hal Systems & Services, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Petroware, Inc.**

4849 Greenville Avenue  
Suite 230  
Dallas, TX 75206  
(214) 696-4931

L. G. Hayes, President  
Services: Pfs ApplSW  
Private

**Pharmaceutical Card Systems, Inc.**

Please see McKesson Corporation

**Phase 3**

25 Flanders Road  
Belmont, MA 02178  
(617) 489-2555

Wayne Heldt, President  
Private

**Phase One Systems, Inc.**

2950 Merced Street, Suite 101  
San Leandro, CA 94577  
(415) 895-0832

Ron Gibbs, President  
IS Revenue (US only), FYE 12/87: \$ 0.5 m  
Total Employees: 5  
Services: SysSW  
Private

**Phaser Systems, Inc.**

353 Sacramento Street  
San Francisco, CA 94111  
(415) 434-3990

John Muller, President  
Private

**Phase Three**

25 Flanders Road  
Belmont, MA 02178  
(617) 489-2555

Jack Haskins, President  
Services: Pfs ApplSW Tky  
Private

**PHH Aviation Systems, Inc.**

1726 Cole Blvd., Suite 200  
Golden, CO 80401  
(303) 279-8910

William Watt, President  
IS Revenue (US only), FYE 04/87: \$ 2.2 m  
Total Employees: 18  
Services: ApplSW SysSW  
Public

**PHH Group, Inc.**

11333 McCormick Road  
Hunt Valley, MD 21031  
(301) 677-4000

Private

**Philadelphia Suburban Corp.**

762 Lancaster Avenue  
Bryn Mawr, PA 19010  
(215) 527-8000

John W. Boyer, Jr., President  
IS Revenue (US only), FYE 12/87: \$ 27.6 m  
Total Employees: 1,000  
Services: Pfs Proc ApplSW  
Public

**Subsidiaries/Divisions:**

**Digital Systems, Inc.**

2700 Middleburg Drive  
Columbia, SC 29204  
(803) 799-4094

Gary Roberson, President  
IS Revenue (US only), FYE 12/87: \$ 8.9 m  
Total Employees: 122  
Services: Pfs ApplSW Tky

**Utility & Municipal Services, Inc.**

190 S. Warner Road  
Wayne, PA 19087  
(215) 971-9570

Donald Walsh, President  
IS Revenue (US only), FYE 12/87: \$ 9.6 m  
Total Employees: 72  
Services: Pfs Proc ApplSW SysSW Tky

**Phillips Communications**

138 Summit Terrace North  
Kennelton, NJ 07405  
(201) 838-5046

Private

**Phillips Publishing**

7315 Wisconsin Avenue, Suite 1200N  
Bethesda, MD 20814  
(301) 986-0666

Private

**Philon**

New York, NY  
Services: Pfs SysSW  
Private

**Phoenix Computer Corp.**

222 N. Sepulveda Blvd., Suite 1210  
El Segundo, CA 90245  
(213) 416-9040

James W. Miles, President  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Phoenix Data, Inc.**

3384 West Osborn Road  
Phoenix, AZ 85017  
(602) 278-8528

Bill Jones, President  
Total Employees: 50  
Services: SysSW  
Private

**Phoenix Data Processing**

4648 Western Ave.  
Lisle, IL 60532  
(312) 810-9200

Robert Grabe, President  
Total Revenue, FYE 10/86: (Est) \$ 4.2 m  
IS Revenue: \$ 4.2 m  
Total Employees: 30  
Services: Proc  
Private

**Phoenix-Hecht Incorporated**

550 Frontage Road  
Northfield, IL 60093  
(312) 441-9080

Larry A. Marks, President  
Services: Pfs  
Private

**Phoenix Software, Inc.**

5933 West Century Blvd.  
Suite 1200  
Los Angeles, CA 90045  
(213) 338-0400

Anna Jones, President  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 10  
Services: Pfs SysSW  
Private

**Phoenix Technologies, Ltd.**

320 Norwood Park, South  
Norwood, MA 02062  
(617) 769-7020

Neil J. Colvin, CEO  
Total Revenue, FYE 09/88: (Est) \$ 30.0 m  
IS Revenue: \$ 30.0 m  
Total Employees: 250  
Services: Pfs SysSW  
Public

**Photo Data, Inc.**

12104 J Indian Creek Court  
Beltsville, MD 20705  
(301) 953-2112

F. Scott Watkins, President  
Total Revenue, FYE 12/86: \$ 1.0 m  
IS Revenue: \$ 1.0 m  
Total Employees: 28  
Services: ApplSW  
Public

**Physician Micro Systems Inc.**

801 East Harrison Street  
Seattle, WA 98102  
(206) 527-4010

Services: Tky  
Private

**Physicians Practice Management**

350 E. New York  
Indianapolis, IN 46204  
(317) 634-8080

Bill Noel, President  
Total Revenue, FYE 01/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 32  
Services: Proc ApplSW  
Private

**Picayune Publishing**

920 Frenchmen Street  
New Orleans, LA 70116  
(504) 949-1366

Gene Stastny  
IS Revenue (US only), FYE 12/87: \$ 0.7 m  
Total Employees: 6  
Services: Pfs  
Private

**Pick Systems**

1691 Browning  
Irvine, CA 92714  
(714) 261-7425

Richard Pick, President  
Services: SysSW  
Private

**Pictographics Intl.**

1601 E. Highway 13  
Burnsville, MN 55337  
(612) 894-6247

Private

**PictureWare, Inc.**

111 North Presidential Blvd., #229  
Bala Cynwyd, PA 19004  
(215) 667-0880

Mike Marcus  
Services: Pfs ApplSW Tky  
Private

**Piedmont Systems Inc.**

Please see TOM Software, Inc.

**Pilot Executive Software, Inc.**

183 State Street  
Boston, MA 02109  
(617) 350-7035

Thomas P. McAuliffe, President  
Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Pilot Systems, Inc.**

325 N. Corporate Drive  
Brookfield, WI 53005  
(414) 792-0050  
Edmund O. Templeton, President  
Total Revenue, FYE 01/88: (Est) \$ 6.0 m  
IS Revenue: \$ 6.0 m  
Total Employees: 50  
Services: ApplSW  
Private

**Pinkerton Computer Consultants**

4 Neshaminy Interplex #111  
Trevose, PA 19047  
(215) 676-3100  
William Pinkerton, President  
IS Revenue (US only), FYE 12/87: \$ 23.0 m  
Total Employees: 400  
Services: Pfs  
Private

**Pinnacle Software Systems, Inc.**

2517 West Vine  
Fort Collins, CO 80521  
(303) 224-5061  
Paul G. Enockson, President  
Services: ApplSW  
Private

**Pioneer Computer Group**

England

Subsidiaries/Divisions:

**Userware International**

2235 Meyers Avenue  
Escondido, CA 92025-1070  
(619) 745-6006

Bruce Hodgson, President

Total Revenue, FYE 10/87: (Est) \$ 4.0 m  
IS Revenue: \$ 4.0 m  
Total Employees: 35

**Pioneer Hy-Bred International**

11153 Aurora Avenue  
Des Moines, IA 50322  
(515) 245-3500

Tom Urban, President

IS Revenue (US only), FYE 09/87: \$ 3.1 m  
Total Employees: 5,000  
Services: ApplSW  
Public

Subsidiaries/Divisions:

**PLS Company**

425 2nd Street S.E., Suite 1200  
Cedar Rapids, IA 52401  
(319) 365-5211  
Von Elbert, President  
IS Revenue (US only), FYE 08/87: \$ 17.0 m  
Total Employees: 600  
Services: Proc

**Pittsburgh Business Consultants**

Please see Pittsburgh Business Journal

**Pittsburgh Business Journal**

Subsidiaries/Divisions:

**Pittsburgh Business Consultants**

1420 Centre Avenue  
Suite 5  
Pittsburgh, PA 15219  
(412) 391-0714  
Total Revenue, FYE 12/88: (Est) \$ 6.0 m  
Total Employees: 100

**Pixar**

3240 Kerner Blvd.  
San Rafael, CA 94901  
(415) 258-8100  
Ed. Catmull, President  
Services: ApplSW  
Private

**Pixel Computer Incorporated**

260 Fordham Rd.  
Wilmington, MA 01877  
(617) 657-8720  
Thomas Conway, President  
Private

**Place Management Corporation**

100 East 2nd Street  
Mineola, NY 11501  
(800) 342-5762  
Services: ApplSW  
Private

**Planmatics**

5200 Rue de la Savane  
Montreal H4P 2M8  
Quebec  
Canada  
(514) 342-9121  
Ram Panda, President  
Services: Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Planmetrics, Inc.**

8700 Bryn Mawr Avenue  
Chicago, IL 60631  
(312) 693-0200  
Total Revenue, FYE 12/86: \$ 7.9 m  
IS Revenue: \$ 7.9 m  
Total Employees: 65  
Services: Pfs Proc ApplSW  
Private

**Planning Control International, Inc.**

Acquired. Please see Cullinet Software, Inc.

**Planning Research Corp.**

Please see Emhart Corporation

**Players Computer, Inc.**

140 Adams Blvd.  
Farmingdale, NY 11735  
(516) 694-4660  
Christian Kropac, President  
Services: Proc ApplSW  
Private

**PLS Company**

Please see Pioneer Hy-Bred International

**Plum Systems**

Please see Cleveland Consulting Associates

**PMB Systems Engineering Inc.**

500 Sansome St., Suite 100  
San Francisco, CA 94111  
(415) 986-4166  
Ed Rivera, Bus. Div. Mgr.  
IS Revenue (US only), FYE 12/87: \$ 3.0 m  
Total Employees: 55  
Services: Pfs  
Private

**PMI, Inc.**

P.O. Box 35408  
Dallas, TX 75235  
(214) 255-9141  
Janet Iveson, President  
Private

**PMS Systems Corporation**

2800 28th Street  
Suite 109  
Santa Monica, CA 90405  
(213) 450-1452  
Phillip Chase, President  
Services: Pfs ApplSW  
Private

**Point 4 Data Corporation**

15442 Del Amo Avenue  
Tustin, CA 92680  
(714) 838-2225  
William F. Rigby, President  
Services: ApplSW Tky  
Private

**Point Control Company**

2468 W. 11th Avenue  
Eugene, OR 97402  
(503) 344-4470  
Jerry Blakely, President  
Total Employees: 43  
Services: ApplSW  
Private

**Point of Sale Systems Corp.**

706 Chippewa Square  
Marquette, MI 49855  
(906) 228-7623  
Rod Aldrich, President  
IS Revenue (US only), FYE 01/87: \$ 0.4 m  
Total Employees: 8  
Services: ApplSW Tky  
Private

**Poise Company**

201 North Nevada  
Roswell, NM 88201  
(505) 625-5500  
L. Howell, President  
Services: Pfs Proc ApplSW  
Private

**Policy Management Systems Corporation**

P.O. Box Ten  
Columbia, SC 29202  
(803) 735-4000  
G. Larry Wilson, President  
IS Revenue (US only), FYE 12/87: \$ 159.2 m  
Total Employees: 2,577  
Services: Pfs Proc Network ApplSW  
Public

**Polygen Corporation**

200 Fifth Avenue  
Waltham, MA 02254  
(617) 890-2888  
Jeffrey Wales, CEO  
Total Employees: 100  
Services: ApplSW  
Private

**Polygon Associates**

1024 Executive Parkway  
St. Louis, MO 63144  
(314) 576-7709  
Bruce Babeler, President  
Services: Network  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Polytel Computer Products Corp.**

2121 S. Columbia, #550  
Tulsa, OK 74114  
(918) 744-9844  
Private

**POLYTRON Corporation**

1700 NW 167th Place  
Beaverton, OR 97006  
(503) 645-1150  
Richard Kinnard, President  
Total Revenue, FYE 12/88: (Est) \$ 5.0 m  
IS Revenue: \$ 5.0 m  
Total Employees: 27  
Services: SysSW  
Private

**Poorman-Douglas Corporation**

1325 Southwest Custer Dr.  
Portland, OR 97219  
(503) 245-5555  
John Douglas, President  
IS Revenue (US only), FYE 12/87: \$ 12.0 m  
Total Employees: 150  
Services: ApplSW  
Private

**Popular Programs, Inc.**

16420 Park Ten Place #205  
Houston, TX 77084  
(713) 579-0481  
Douglas Morgan, President  
IS Revenue (US only), FYE 01/87: \$ 0.7 m  
Total Employees: 8  
Services: ApplSW  
Private

**POS Technology**

Please see Comtech Group International, Ltd.

**Power Computing Company**

Please see McDermott International, Inc.

**Praxis Group**

Subsidiaries/Divisions:

**Damar Corporation**

3550 W. Temple St.  
Los Angeles, CA 90004  
(800) 873-2627  
David Nitka, President  
Services: Network

**Precision Business Systems**

Name changed. Please see SPC Software Services,  
subsidiary of Security Pacific Corp.

**Precision Software Inc.**

820 Second Avenue, Suite 1100  
New York, NY 10017  
(212) 410-3418  
Private

**Precision Visuals, Inc.**

6260 Lookout Road  
Boulder, CO 80301  
(303) 530-9000  
James R. Warner, President  
Services: Pfs ApplSW  
Private

**Predicasts**

Please see TBG, Inc.

**Premier Systems Inc.**

2424 6th Street  
Suite 100  
Berkeley, CA 94710  
(415) 849-3311  
Paul Farr, President  
IS Revenue (US only), FYE 06/87: \$ 1.2 m  
Total Employees: 11  
Services: SysSW  
Private

**Premier Systems, Inc.**

676 E. Swedesford Rd., Bldg. 6, Ste. 200  
Wayne, PA 19087  
(215) 687-5950  
Steven M. Katz, President  
IS Revenue (US only), FYE 12/87: \$ 1.2 m  
Total Employees: 150  
Services: Tky  
Private

**Presentation Technologies, Inc.**

743 North Pastoria Ave.  
Sunnyvale, CA 94086  
(408) 749-1959  
Robert T. Wall, CEO  
Private

**Price Waterhouse & Co.**

1251 Avenue of the Americas  
New York, NY 10020  
(212) 489-8900  
Joseph E. Connor, Chairman  
IS Revenue (US only), FYE 01/87: \$ 132.0 m  
Total Employees: 1,986  
Services: Pfs Proc ApplSW  
Private

Subsidiaries/Divisions:



**CAMS 1988**  
**Directory of Information Services Companies**

**Computech**

2535 Main Street  
Glastonbury, CT 06033  
(203) 659-0344  
Alfred J. Amoroso, CEO  
IS Revenue (US only), FYE 06/87: \$ 7.0 m  
Total Employees: 68  
Services: Pfs ApplSW

**Primavera Systems, Inc.**

Two Bala Plaza  
Bala Cynwyd, PA 19004  
(215) 667-8600  
Services: Pfs ApplSW  
Private

**Prime Computer, Inc.**

Prime Park  
Natick, MA 01760  
(617) 655-8000  
Joe M. Henson  
IS Revenue (US only), FYE 12/87: \$ 100.0 m  
Total Employees: 13,400  
Services: ApplSW SysSW Tky  
Public

**Subsidiaries/Divisions:**

**Computervision Corporation**

100 Crosby Drive  
Bedford, MA 01730  
(617) 275-1800  
Robert L. Gable, President  
Total Revenue, FYE 12/86: \$ 494.7 m  
IS Revenue: \$ 197.9 m  
Total Employees: 4,800  
Services: Pfs ApplSW Tky

**Prime Factors**

1470 E. 20th Avenue  
Eugene, OR 97403  
(503) 345-4334  
S. Michael Florian, President  
IS Revenue (US only), FYE 12/87: \$ 2.3 m  
Total Employees: 18  
Services: Pfs ApplSW  
Private

**Printers Software Inc.**

1395 Route 23  
Butler, NJ 07405  
(201) 838-1010  
Paul N. Grieco, President  
Services: ApplSW  
Private

**Pro-Access, Ltd.**

1900 N. Loop West  
Suite 200  
Houston, TX 77018  
(713) 880-9500  
David R. Cassell, Managing Partner  
Total Revenue, FYE 12/87: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 50  
Services: Pfs  
Private

**Pro Computer Sciences Inc.**

P.O. Box 30770  
Laguna Hills, CA 92654-0770  
(714) 472-0250  
Sushil Garg, President  
Total Revenue, FYE 12/86: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 90  
Services: ApplSW  
Private

**Procyon Computer Systems**

31255 Cedar Valley Drive, Suite 300  
West Lake Village, CA 91362  
(213) 328-9655  
Mike Wakshull, President  
IS Revenue (US only), FYE 03/87: \$ 0.4 m  
Total Employees: 3  
Services: ApplSW Tky  
Private

**Prodata Inc.**

4477 Emerald, Suite C-100  
Boise, ID 83706  
(208) 342-6878  
Bill Basham, President  
Services: Pfs ApplSW Tky  
Private

**Pro Data Systems, Inc.**

2333 Western Avenue  
Seattle, WA 98121  
(206) 441-4090  
Robert F. Foster  
Total Revenue, FYE 12/87: (Est) \$ 2.0 m  
IS Revenue: \$ 1.7 m  
Total Employees: 39  
Services: Proc ApplSW  
Private

**Productive Computer Systems, Inc.**

233 N. Michigan Ave., Suite 1409  
Chicago, IL 60601  
(312) 565-2244  
Dennis Lapidus, President  
Services: Pfs ApplSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Productivity Software International, Inc.**

1220 Broadway  
New York, NY 10001  
(212) 967-8666

Iain MacFarlane, President

Total Revenue, FYE 01/87: \$ 10.0 m

IS Revenue: \$ 10.0 m

Total Employees: 40

Services: ApplSW

Private

**Professional Automated Systems**

2550 Corporate Exchange Drive  
Columbus, OH 43229  
(614) 890-1095

Private

**Professional Computer Associates, Inc.**

Please see Marine Bancorp, Inc.

**Professional Computer Resources, Inc.**

Acquired. Please see Pansophic Systems, Inc.

**Professional Computer Service**

3055 Old Highway 8  
Minneapolis, MN 55418  
(612) 782-2447

Chuck Munston, President

IS Revenue (US only), FYE 12/87: \$ 8.1 m

Total Employees: 200

Services: Proc Tky

Private

**Professional Computer Solutions, Inc.**

5541 Arlington Rd.  
Jacksonville, FL 32205  
(904) 744-8134

Ernest Harden, President

Private

**Professional Data Management Systems Inc.**

7100 France Ave., Suite 38  
Minneapolis, MN 55435  
(612) 925-1347

Michael Auclair, President

Services: Pfs ApplSW Tky

Private

**Professional Hospital Services**

Please see American Medical International, Inc.

**Professional Processing, Inc.**

12237 WoodLake Drive  
Burnsville, MN 55337  
(612) 895-9568

Ken Dalley, CEO

IS Revenue (US only), FYE 12/87: \$ 1.6 m

Total Employees: 43

Services: Proc

Private

**Professional Resource Group**

106 Woodworth  
Sedro Woolley, WA 98294  
(800) 772-4545

Services: Tky

Private

**Professional Software, Inc.**

51 Fremont St.  
Needham, MA 02194  
(617) 444-5224

Robert Crowell, President

Services: ApplSW

Private

**Professional Software Systems**

25 West 39th Street  
New York, NY 10018  
(212) 819-0544

David Wagner, President

IS Revenue (US only), FYE 12/87: \$ 2.5 m

Total Employees: 20

Services: Pfs ApplSW

Private

**Professional Systems Corporation**

87-89 Valley Road  
Montclair, NJ 07042  
(202) 783-6800

Frank M. Downey, Jr., Chairman

Services: Proc

Private

**Profidex Corporation**

80 Park Avenue  
Hoboken, NJ 02030  
(212) 732-6795

Carl Cooper

Total Revenue, FYE 04/88: (Est) \$ 0.5 m

IS Revenue: \$ 0.5 m

Total Employees: 20

Services: ApplSW

Private

**Profile Information**

Sunbury House  
Staines Road West  
Sunbury-on-Thames  
Middlesex TW167AH  
United Kingdom  
0-93-276-1444

Public

**Proformatics, Inc.**

Please see Scientific Systems Services, Inc. (SSS)

**Profit Control Systems**

Please see Heidelberg Eastern, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Profitkey International, Inc.**

382 Main St.  
Salem, NH 03079  
(603) 898-9800  
Richard Lilly, President  
IS Revenue (US only), FYE 09/87: \$ 6.4 m  
Total Employees: 80  
Services: Pfs ApplSW SysInt Tky  
Private

**Profit Line (The)**

8 Court Street  
Morristown, NJ 07960  
(201) 539-7114  
Services: Pfs ApplSW  
Private

**Profitool, Inc.**

Hudson's Bay Centre  
1600 Stout Street, #2000  
Denver, CO 80202  
(303) 571-1555  
Gary Tamblin, President  
Total Revenue, FYE 06/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 14  
Services: ApplSW  
Private

**Profit Technologies**

25501 McDonald  
Woodlands, TX 77380  
(713) 292-8600  
Charles Shoptaw, President  
Services: Pfs  
Private

**Proforma Software**

2706 Harbor Blvd., Suite 203  
Costa Mesa, CA 92626  
(714) 641-3846  
Jack Lennard, President  
Total Employees: 8  
Services: ApplSW  
Private

**Programming Services & Support, Inc.**

1601 Caledonia Street, Suite B  
La Crosse, WI 54603  
(608) 781-3200  
Scott Lachecki, President  
IS Revenue (US only), FYE 01/87: \$ 1.4 m  
Total Employees: 11  
Services: Pfs ApplSW SysSW SysInt Tky  
Private

**Programs & Analysis, Inc.**

Please see Puritan Fashions Corp.

**Program Science, Inc. (PSI)**

P.O. Box 549  
Armonk, NY 10504  
(914) 273-6740  
Mauro A. Cetra, President  
IS Revenue (US only), FYE 06/87: \$ 0.6 m  
Total Employees: 5  
Services: ApplSW  
Private

**Programs in Motion Inc.**

10 Sycamore Road  
Wayland, MA 01778  
(617) 653-5093  
Will Hapgood, President  
Private

**Progress Software Corporation**

5 Oak Park  
Bedford, MA 01730  
(617) 275-4500  
Joseph W. Alsop  
Total Revenue, FYE 11/87: (Est) \$ 12.5 m  
IS Revenue: \$ 12.5 m  
Total Employees: 110  
Services: SysSW  
Private

**Pro-IV**

4000 MacArthur Blvd.  
Newport Beach, CA 92660  
(714) 250-1000  
Sushil Garg  
IS Revenue (US only), FYE 12/87: \$ 6.5 m  
Total Employees: 37  
Services: ApplSW  
Private

**Projectronix, Inc.**

3235 Kifer Road  
Santa Clara, CA 95051  
(408) 736-6800  
Charles Jordon, President  
Private

**Project Software & Development, Inc.**

20 University Road  
Cambridge, MA 02138  
(617) 661-1444  
Robert L. Daniels, President  
Services: Pfs ApplSW Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Promod, Inc.**

23685 Birtcher Drive  
Lake Forest, CA 92630  
(714) 855-3046

Pete Craig, President  
IS Revenue (US only), FYE 01/87: \$ 7.6 m  
Total Employees: 60  
Services: Tky  
Private

**Proprietary Computer Systems**

16625 Satcoy Street  
Van Nuys, CA 91406  
(818) 781-8221

Bill Barancik, President  
Private

**Proprietary Software Systems, Inc.**

429 Santa Monica Blvd.  
Suite 430  
Santa Monica, CA 90401  
(213) 394-5233

Joel Fleiss, President  
IS Revenue (US only), FYE 06/87: \$ 4.5 m  
Total Employees: 22  
Services: SysSW  
Private

**Prospero Software Ltd.**

190 Castelnau  
London SW13 9DH  
England  
(01) 741-8531

Dr. Mike Oakes  
Services: SysSW  
Private

**Proto Systems**

1238 Josephine St.  
Berkeley, CA 94703  
(415) 420-9579

Everett Harvey, CEO  
Private

**Prudential Insurance Company (The)**

Subsidiaries/Divisions:

**Tesseract Corporation**

15 Spear Street  
San Francisco, CA 94105  
(415) 543-9320

Williams Marvin, Vice President Marketing  
Total Revenue, FYE 12/87: (Est) \$ 20.0 m  
Total Employees: 275  
Services: Pfs ApplSW

**Pryor Corporation**

222 William Street  
Bensenville, IL 60106  
(312) 860-3100

Lee Pryor, President  
Services: Pfs ApplSW  
Private

**PSA & CPS, Inc.**

8800 Edgeworth Drive  
Capitol Heights, MD 20743  
(301) 350-5600

McI Fox, President

Total Revenue, FYE 02/86: (Est) \$ 17.5 m  
IS Revenue: \$ 17.5 m  
Total Employees: 250  
Services: Proc  
Private

**PSI**

501 Bishops Lane  
Mobile, AL 36608  
(205) 344-8100

Dr. Dennis P. Wilkins, President  
IS Revenue (US only), FYE 12/87: \$ 4.0 m  
Total Employees: 33  
Services: Tky  
Private

**PSI Energy Software**

P.O. Box 296  
Abilene, TX 79604  
(713) 496-4850

Ron Abernathy, President  
Private

**PSI - MED**

3303 Harbor Blvd.  
Suite J1  
Costa Mesa, CA 92626  
(714) 979-7653

Vansel Johnson, President  
Services: Pfs Proc ApplSW  
Private

**PSTAT**

271 Wall Street  
Princeton, NJ 08540  
(609) 924-9100

Shirrell Buhler, President  
Services: ApplSW  
Private

**Psychotechnics, Inc.**

1900 Pickwick Avenue  
Glenview, IL 60025  
(312) 729-5850

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Psycomp Selfheld Software**

P.O. Box 994  
Woodland Hills, CA 91367  
(213) 992-4884  
Private

**Public Systems Associates, Inc.**

770 Grant, Suite 200  
Denver, CO 80203  
(303) 831-1260  
Services: Pfs  
Private

**Punch Card Processing Co.**

6875 New Hampshire Ave.  
Takoma Park, MD 20912  
(301) 270-1887  
John Layman, President  
Services: Proc  
Private

**Puritan Fashions Corp.**

1400 Broadway  
New York, NY 10018  
(212) 575-0800  
Public

**Subsidiaries/Divisions:**

**Programs & Analysis, Inc.**

21 Ray Ave.  
Burlington, MA 01803  
(617) 272-7723  
Paul Brighton, President  
Services: Proc  
Private

**Pyramid Data, Ltd.**

P.O. Box 10116  
Santa Ana, CA 92711  
(714) 639-1527  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**QC Data**

777 Grant Street  
Suite 111  
Denver, CO 80203  
(303) 837-1444

Gary Sawkins, President  
IS Revenue (US only), FYE 06/87: \$ 8.5 m  
Total Employees: 300  
Services: Pfs Proc ApplSW  
Private

**QED Information Sciences, Inc.**

170 Linden Street  
P.O. Box 181  
Wellesley, MA 02181  
(617) 237-5656

Lawrence Grodman, President  
IS Revenue (US only), FYE 12/87: \$ 2.3 m  
Total Employees: 20  
Services: Pfs  
Private

**Q-N-E International**

136 Granite Hill Court  
Langhorne, PA 19047  
(215) 968-5966

Bob Roth, CEO  
Total Employees: 10  
Services: SysSW  
Private

**Qronos Technology Inc.**

2953 Bunker Hill Lane  
Santa Clara, CA 95054  
(408) 982-8700

Maria S. Ligeti, CEO  
Total Employees: 100  
Services: ApplSW  
Private

**Quadra Systems, Inc.**

Acquired. Please see Computer Task Group, Inc.

**Quadratronics Systems**

141 Triunfo Canyon Road  
Westlake Village, CA 91361  
(805) 494-1158

Robert Bartizal, President  
Private

**Quadrex Corporation**

1700 Dell Ave.  
Campbell, CA 95008  
(408) 866-4510

IS Revenue (US only), FYE 01/87: \$ 4.6 m  
Total Employees: 600  
Services: Pfs TkY  
Private

**Quadstar Corporation**

Please see Citicorp

**Quality Data Systems, Inc.**

Library Lane  
Old Lyme, CT 06371  
(203) 434-9275

Gordon W. Wacrer, President  
Services: Pfs ApplSW  
Private

**Quality Systems Corporation**

Chicago, IL 60611  
Private

**Subsidiaries/Divisions:**

**Quality Systems Development Corporation**

645 N. Michigan Ave., Suite 638  
Chicago, IL 60611  
(312) 266-6060

Gregory M. Lancaster, President  
Services: Pfs ApplSW

**Quality Systems Development Corporation**

Please see Quality Systems Corporation

**Quicksoft**

219 First Avenue North #224  
Seattle, WA 98109  
(206) 282-0452

Bob Wallace, President  
IS Revenue (US only), FYE 06/87: \$ 2.1 m  
Total Employees: 24  
Services: ApplSW  
Private

**Quintus Computer Systems, Inc.**

1310 Villa Street  
Mountain View, CA 94041  
(415) 965-7700

Elliott D. James, President  
Total Revenue, FYE 12/88: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 42  
Services: SysSW  
Private

**Quodata Corporation**

266 Pearl Street  
Hartford, CT 06103  
(203) 728-6777

Myron Congdon, President  
IS Revenue (US only), FYE 01/87: \$ 4.2 m  
Total Employees: 32  
Services: Pfs ApplSW  
Private

**Quotron Systems, Inc.**

Please see Citicorp

**CAMS 1988**  
**Directory of Information Services Companies**

**R01-Teknekron Financial Systems**

2001 Center St.  
Berkeley, CA 94704  
(415) 548-8572  
E. Burns, President  
IS Revenue (US only), FYE 12/87: \$ 33.8 m  
Total Employees: 400  
Services: SysInt Tky  
Private

**Rabbit Software Corporation**

Seven Great Valley Parkway East  
Great Valley Corporate Center  
Malvern, PA 19355  
(215) 647-0440

Sheldon I. Newman, President  
Total Revenue, FYE 12/86: \$ 3.1 m  
IS Revenue: \$ 3.1 m  
Total Employees: 55  
Services: ApplSW  
Public

**Radford Associates, Inc.**

4800 Great America Parkway, Suite 400  
Santa Clara, CA 95054  
(408) 727-8682

John Radford, President  
Services: Pfs Proc ApplSW  
Private

**Radian Corporation**

8501 Mo-Pac  
P.O. Box 201088  
Austin, TX 78720-1088  
(512) 454-4797

Donald Carlton, President  
IS Revenue (US only), FYE 12/87: \$ 6.5 m  
Total Employees: 900  
Services: Pfs ApplSW  
Private

**Railinc Corporation**

Please see Association of American Railroads

**RANAC Computer Corporation**

8925 N. Merradian, Suite 201  
Carmel, IN 46460  
(317) 844-0141

Peter G. Fruehman, President  
Services: Pfs ApplSW Tky  
Private

**Rand Information Systems, Inc.**

1201 Harbor Bay Pkwy.  
Alameda, CA 94501  
(415) 769-5800  
F. Richard Sleavin, President  
IS Revenue (US only), FYE 02/87: \$ 7.0 m  
Total Employees: 60  
Services: Pfs Proc SysSW  
Public

**Rand McNally and Co.**

8255 North Central Park Avenue  
Skokie, IL 60076  
(312) 673-9100  
Public

**Rapitech Systems, Inc.**

Montebello Corporate Park  
75 Montebello Road  
Suffern, NY 10901  
(914) 368-3000

Jeffrey M. Tolk, President  
Total Employees: 30  
Services: SysSW  
Public

**Rational, Inc.**

1501 Salado Drive  
Mountain View, CA 94043  
(415) 940-4757

Levy Paul, President  
Private

**Raven Systems & Research, Inc.**

1101 Vermont Avenue N.W., Suite 600  
Washington, DC 20005  
(202) 842-1811

Raymond Mott, President  
Services: Pfs Proc  
Private

**Read-Q Systems, Inc.**

90 Broad St.  
New York, NY 10006  
(212) 425-3680

Bill Cardone, President  
Services: Pfs  
Private

**Real-Comp, Inc.**

P.O. Box 1263  
Cupertino, CA 95015  
(408) 996-1160

Private

**Real Decisions Corporation**

22 Thorndal Circle  
Darien, CT 06820  
(203) 656-1500

Robert Bergstrom, CEO  
Total Employees: 43  
Services: Pfs ApplSW  
Private

**Real Estate Application Software, Inc.**

29 Manor Road  
Smithtown, NY 11787  
(516) 979-9465

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Real Estate Data**

2398 N.W. 119th St.  
Miami, FL 33167  
(305) 685-5731  
Norm Snesil, President  
Total Revenue, FYE 09/88: (Est) \$ 27.5 m  
IS Revenue: \$ 22.0 m  
Total Employees: 450  
Services: Proc  
Private

**Real Estate Microcomputer Systems, Inc.**

526 N.W. 2nd Street  
Corvallis, OR 97330  
(503) 757-8887  
Private

**Realia, Inc.**

10 South Riverside Plaza  
Suite 1558  
Chicago, IL 60606  
(312) 346-0642  
Total Revenue, FYE 12/88: \$ 5.0 m  
Total Employees: 26  
Services: SysSW  
Private

**Real-Time Computer Science Corporation**

1390 Flynn Rd.  
Camarillo, CA 93010  
(805) 987-9781  
Dave Baker, President  
Services: ApplSW  
Private

**Realtron Corporation**

Acquired. Please see Realtron Multi-List Corporation

**Realtron Multi-List Corporation**

24065 Five Mile Road  
Detroit, MI 48239  
(313) 255-1200  
Jack Jominy, President  
Total Revenue, FYE 04/87: \$ 35.0 m  
IS Revenue: \$ 35.0 m  
Total Employees: 500  
Services: Proc  
Private

**Realty Automation Inc.**

18045 Cocklebur Pl.  
Rowland Heights, CA 91748  
(818) 913-1244  
Bob Maxwell, President  
Total Employees: 5  
Services: ApplSW  
Private

**Real World Corporation**

Please see Interactive Financial Services, Inc.

**Redi/Multi-List, Inc.**

165 S. Union Blvd.  
Lakewood, CO 80228  
(303) 987-2338  
Jim Metcalf, President  
Services: Proc Tky  
Private

**Redshaw, Inc.**

Please see Hartford Insurance

**Red Wing Business Systems, Inc.**

610 Main Street  
P.O. Box 19  
Red Wing, MN 55066  
(612) 388-1106  
Lyle Warrington, President  
Total Revenue, FYE 05/89: (Est) \$ 2.5 m  
Total Employees: 16  
Services: ApplSW  
Private

**Reed International PLC**

Reed House  
6 Chesterfield Gardens  
London W1A 1EV  
England  
(01)491-8275  
Peter Davis  
Total Revenue, FYE 03/88: (Est) \$ 2.5 m  
Public

Subsidiaries/Divisions:

**Online Computer Systems, Inc.**

20251 Century Blvd.  
Germantown, MD 20874  
(301) 428-3700  
William H. Ford, Jr., President  
IS Revenue (US only), FYE 03/87: \$ 9.0 m  
Total Employees: 150  
Services: Proc ApplSW SysInt Tky

**Tri Star Publishing**

475 Virginia Drive  
Fort Washington, PA 19034  
(215) 641-6000  
Hans Nickel, President  
Services: ApplSW SysSW

**Reference Technology, Inc.**

5700 Flat Iron Parkway  
Boulder, CO 80301  
(303) 449-4157  
Steven Adams, President  
IS Revenue (US only), FYE 12/87: \$ 4.0 m  
Total Employees: 36  
Services: Pfs Proc ApplSW SysSW SysInt  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Reflectone, Inc.**

5125 Tampa West Blvd.  
Tampa, FL 33614  
(813) 885-7481  
Richard A. Neddo, President  
Total Revenue, FYE 03/86: \$ 50.3 m  
Total Employees: 600  
Public

**Subsidiaries/Divisions:**

**Reflectone Media Systems, Inc.**

14460 Carlson Circle  
Tampa, FL 33614  
(813) 885-7481  
John B. Mowell, Chairman  
Total Revenue, FYE 03/86: \$ 0.8 m  
IS Revenue: \$ 0.8 m  
Total Employees: 16  
Services: Tky

**Reflectone Training Systems, Inc.**

5125 W. Tampa Boulevard  
Tampa, FL 33614  
(813) 885-7481  
John B. Mowell, Chairman  
Total Revenue, FYE 10/86: \$ 2.1 m  
IS Revenue: \$ 2.1 m  
Total Employees: 50  
Services: Pfs

**Reflectone Media Systems, Inc.**

Please see Reflectone, Inc.

**Reflectone Training Systems, Inc.**

Please see Reflectone, Inc.

**Relational Database Systems, Inc.**

Name changed. Please see INFORMIX Corporation

**Relational Technology, Inc.**

1080 Marino Village Pkwy.  
Alameda, CA 94501  
(415) 769-1400  
Gary Morgenthaler, President  
IS Revenue (US only), FYE 06/87: \$ 23.1 m  
Total Employees: 668  
Services: SysSW  
Public

**Relay Communications, Inc.**

41 Kenosia Avenue  
Danbury, CT 06810  
(203) 798-3800  
Robert Millstein, President  
Total Employees: 50  
Services: SysSW  
Private

**Release Management Systems**

17187 N. Laurel Park Drive  
Suite 204  
Livonia, MI 48152  
(313) 462-1200  
Matt Rozek  
Services: ApplSW  
Private

**Remote Data Systems, Inc.**

Acquired. Please see Pansophic Systems, Inc.

**Republic Service Bureau Inc.**

19110 Van Ness Avenue  
Torrance, CA 90501  
(213) 533-0211  
Jerome A. Sorkin, President  
IS Revenue (US only), FYE 10/87: \$ 6.0 m  
Total Employees: 100  
Services: Proc  
Private

**Resource Control Systems, Inc.**

P.O. Box 108  
City Island, NY 10646  
(216) 991-3350  
Robert Rosen, President  
Total Revenue, FYE 12/86: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 12  
Services: ApplSW  
Private

**Resource Information Management Systems, Inc.**

500 Technology Drive  
Naperville, IL 60540-2599  
(312) 369-5300  
Thomas Heimsoth, CEO  
Total Employees: 160  
Services: ApplSW  
Private

**Reston Publishing Company, Inc.**

11480 Sunset Hills Road  
Reston, VA 22090  
(703) 437-8900  
Private

**Retail Solutions**

1227 Innsbruck Drive  
Sunnyvale, CA 94089  
(408) 734-0653  
IS Revenue (US only), FYE 01/87: \$ 5.2 m  
Total Employees: 50  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Reuters, Ltd.**

85 Fleet St.  
London EC4 P4AV  
England

Total Employees: 3,049

Services: Network  
Public

**Subsidiaries/Divisions:**

**Reuters North America**

1700 Broadway  
New York, NY 10019  
(212) 603-3300

Andre Villeneuve, President  
Services: Proc

**Reuters North America**

Please see Reuters, Ltd.

**Revco D.S., Inc.**

1925 Enterprise Parkway  
Twinsburg, OH 44087  
(216) 425-9811

William B. Edwards, President  
Public

**Revelation Technologies**

2 Park Ave.  
23rd Floor  
New York, NY 10016  
(212) 689-1000

Steve Perry, President

IS Revenue (US only), FYE 07/87: \$ 3.6 m

Total Employees: 100

Services: SysSW  
Private

**Rexnord Data Systems**

Please see Rexnord, Inc.

**Rexnord, Inc.**

350 North Sunnyslope Rd.  
Brookfield, WI 53005  
(414) 797-6900

Jack Calhoun, President  
Private

**Subsidiaries/Divisions:**

**Rexnord Data Systems**

350 West Greenfield Ave.  
Milwaukee, WI 53214  
(414) 643-2001

Al Slawinski, Director

Total Revenue, FYE 10/86: \$ 6.2 m

IS Revenue: \$ 6.2 m

Total Employees: 75

Services: Pfs Proc ApplSW

**Reynolds & Reynolds Company (The)**

115 Ludlow St.  
Dayton, OH 45407  
(513) 443-2000

Terry D. Carder, Chairman

IS Revenue (US only), FYE 09/87: \$ 183.8 m

Total Employees: 5,704

Services: Proc Tky  
Public

**Subsidiaries/Divisions:**

**National Medical Computer Services**

8928 Terman Court  
San Diego, CA 92121  
(619) 566-5800

Carl Melcker, President

Total Revenue, FYE 09/88: (Est) \$ 25.0 m

IS Revenue: \$ 25.0 m

Total Employees: 300

Services: Pfs Tky

**RGI, Inc.**

5203 Leesburg Pike  
Falls Church, VA 22041  
(703) 820-4900

Richard S. Quiggs, President

Services: Pfs Proc ApplSW Tky

Private

**Richard M. Walsh Associates, Inc.**

925 Oak Street  
Scranton, PA 18508  
(717) 346-3856

Richard M. Walsh, President

IS Revenue (US only), FYE 12/87: \$ 1.8 m

Total Employees: 80

Services: Proc

Private

**Ring Computer**

6809 Shady Oak Road  
Eden Prairie, MN 55344  
(612) 944-9443

David Baker, President

IS Revenue (US only), FYE 12/87: \$ 0.6 m

Total Employees: 8

Services: Proc Tky

Public

**RIX Softworks Inc.**

18552 MacArthur Blvd.,  
Suite 375  
Irvine, CA 92715  
(714) 476-8266

Richard Brownback

Total Revenue, FYE 12/88: (Est) \$ 0.5 m

IS Revenue: \$ 0.5 m

Total Employees: 10

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**RMS Technologies**

5 Eves Drive  
Marlton, NJ 08053  
(609) 596-5775

Henry Waples, Manager of Program Development  
Total Revenue, FYE 06/87: (Est) \$ 47.0 m  
IS Revenue: \$ 47.0 m  
Total Employees: 950  
Services: Pfs SysInt  
Private

**Robert E. Nolan Company, Inc.**

90 Hopmeadow Street  
Simsburg, CT 06070  
(203) 658-1941

Bob E. Nolan, President  
Services: Pfs ApplSW  
Private

**Robert F. White & Company**

209 W. Jackson St.  
Chicago, IL 60606  
(312) 322-9600

Robert F. White, President  
Services: Proc  
Private

**Robert J. Kearns, Inc.**

39 Mill St.  
P.O. Box 96  
Montgomery, IL 60538-0096  
(312) 896-9791

Services: Proc  
Private

**Robert L. Cloud Associates, Inc.**

125 University Ave.  
Berkeley, CA 94710  
(415) 841-9296

Robert L. Cloud, President  
Private

**Subsidiaries/Divisions:**

**Celestial Software, Inc.**

125 University Avenue  
Berkeley, CA 94710  
(415) 420-0300

Keith Leung, President  
IS Revenue (US only), FYE 04/87: \$ 1.0 m  
Total Employees: 8  
Services: ApplSW

**Robin and Dackerman**

8484 Wilshire Boulevard, Suite 600  
Beverly Hills, CA 90211-3214  
(213) 655-2000

Jerry Dackerman, President  
Total Revenue, FYE 12/86: (Est) \$ 2.0 m  
IS Revenue: \$ 2.0 m  
Total Employees: 35  
Services: Pfs  
Private

**ROCI, Inc.**

7175 W. Jefferson Avenue  
Lakewood, CO 80235-2303  
(303) 985-1881

Earl Friedman, President  
IS Revenue (US only), FYE 12/87: \$ 1.0 m  
Total Employees: 10  
Services: Tky  
Private

**Rockwell International Corporation**

**Subsidiaries/Divisions:**

**Allen-Bradley Co., Inc.**

1201 S. Second Street  
Milwaukee, WI 53204  
(414) 382-2000

**J. Tracy O'Rourke**

Total Revenue, FYE 09/87: (Est) \$ 0.5 m  
Total Employees: 13,000

**ROH**

3456 Camino Del Rio North  
San Diego, CA 92108  
(619) 280-8100

Private

**ROI Systems, Inc.**

Merged with Automatic Data Processing, Inc.

**ROSSDATA Corporation**

1860 Embarcadero Road  
Palo Alto, CA 94303  
(415) 856-1100

Kenneth Ross, President  
IS Revenue (US only), FYE 12/87: \$ 20.0 m  
Total Employees: 185  
Services: Pfs Proc ApplSW SysSW  
Private

**Subsidiaries/Divisions:**

**CAMS 1988**  
**Directory of Information Services Companies**

**Virtual Microsystems, Inc.**

2150 Shattuck Avenue  
Suite 300  
Berkeley, CA 94704  
(415) 841-9594  
Gianluca Rattazzi, President  
Total Revenue, FYE 06/86: (Est) \$ 14.0 m  
Total Employees: 50  
Services: SysSW

**Ross Systems, Inc.**

1860 Embarcadero Road  
Palo Alto, CA 94303  
(415) 856-1100  
Richard Giordanella, President  
IS Revenue (US only), FYE 06/87: \$ 15.5 m  
Total Employees: 145  
Services: Pfs ApplSW  
Private

**R. Shriver Associates**

1259 Route 46, Building 2  
Parsippany, NJ 07054  
(201) 335-7800  
David Michaels, CEO  
Services: Pfs ApplSW  
Private

**R Systems, Inc.**

10310 Markison Rd  
Dallas, TX 75238  
(214) 343-9188  
Bill Kieley, President  
IS Revenue (US only), FYE 12/87: \$ 2.0 m  
Total Employees: 17  
Services: ApplSW  
Private

**Rubicon Corporation**

1200 E. Campbell Rd.  
Suite 100  
Richardson, TX 75081  
(214) 231-6591  
William G. Groves, Chairman  
Total Revenue, FYE 06/88: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 75  
Services: Tky  
Public

**Russell Information Sciences**

26552 Wild View Terrace  
Laguna Hills, CA 92653  
(714) 831-8656  
Richard H. Russell  
Services: Pfs ApplSW Tky  
Private

**Rust International**

Please see Henley Group

**Ryan-McFarland Corporation**

Acquired. Please see Austec Inc.

**Ryder Systems**

Subsidiaries/Divisions:

**Inventory Locator Service, Inc.**

3781 Premier Cove  
Memphis, TN 38118  
(901) 794-4784  
Fred Meyer, President  
Services: Proc

**CAMS 1988**  
**Directory of Information Services Companies**

**Saatchi & Saatchi, Ltd.**

Subsidiaries/Divisions:

**Cleveland Consulting Associates**

23925 Commerce Park Road  
Cleveland, OH 44122  
(216) 831-0430

James C. Spira, President

IS Revenue (US only), FYE 12/87: \$ 2.2 m

Total Employees: 95

Services: Pfs ApplSW SysSW

**Sachs/Freeman Associates, Inc.**

1401 McCormick Drive  
Landover, MD 20785  
(301) 925-9400

Ernest Freeman, President

IS Revenue (US only), FYE 02/87: \$ 22.5 m

Total Employees: 350

Services: Pfs Proc Network SysSW SysInt Tky

Private

**SAFECO Corporation**

SAFECO Plaza  
Seattle, WA 98185  
(206) 545-5000

Bruce Maines, President

Public

**Safe Computing Limited**

2000 Argenta Road, Plaza 4, Suite 200  
Mississauga L5N1W1  
Ontario  
Canada  
(416) 826-5352

Private

**SAFECO Title Insurance**

Name changed. Please see Chicago Title Insurance

**Safeguard Business Systems, Inc**

Please see Mason Best Company

**Safeguard Scientifics, Inc.**

630 Park Avenue  
King of Prussia, PA 19406  
(215) 265-4000

Public

Subsidiaries/Divisions:

**Autolog Systems**

204 Progress Drive  
Montgomeryville, PA 18936  
(215) 699-8891

Leonard Kedbon, President

**Sage Data, Inc.**

104 Carnegie Center, Suite 110  
Princeton, NJ 08540  
(609) 924-3000

John Torkelsen, President

Services: Pfs Proc

Private

**Sage Federal Systems, Inc.**

20 West Guide Road  
Rockville, MD 20850  
(301) 294-1000

Howard M. Arnold, President

IS Revenue (US only), FYE 01/87: \$ 29.8 m

Total Employees: 250

Services: Pfs

Private

**Sage Software, Inc.**

3200 Monroe St.  
Rockville, MD 20852  
(301) 230-3200

Kevin J. Burns, President

IS Revenue (US only), FYE 04/87: \$ 14.7 m

Total Employees: 100

Services: SysSW

Public

**Samna Corporation**

5600 Glenridge Drive  
Atlanta, GA 30342  
(404) 851-0007

Said Mohammadioon, President

IS Revenue (US only), FYE 12/87: \$ 11.5 m

Total Employees: 120

Services: SysSW

Public

**Sandata, Inc.**

48 Harbor Park Drive  
Port Washington, NY 11050  
(516) 484-9060

Donald S. Levy, President

Total Revenue, FYE 05/88: (Est) \$ 8.5 m

IS Revenue: \$ 5.0 m

Services: Proc ApplSW

Public

**Sanders Associates Inc.**

Please see Lockheed Corporation

**Sandsport Data Services, Inc.**

Name changed. Please see Sandata, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**San Francisco Consulting Group, Inc.**

533 Mission Street  
San Francisco, CA 94105  
(415) 777-0721

Craig Dore, President  
Total Employees: 35  
Services: Pfs  
Private

**Santa Cruz Operation, Inc.**

400 Encinal Street  
Santa Cruz, CA 95060  
(408) 425-7222

Larry Michaels, President  
IS Revenue (US only), FYE 10/87: \$ 31.3 m  
Total Employees: 600  
Services: Network ApplSW SysSW SysInt  
Private

**Santiago Data Systems, Inc.**

1071 N. Batavia  
Orange, CA 92667  
(714) 633-7807

Thomas Banks, President  
Services: ApplSW  
Private

**Sapiens Software**

P.O. Box 7720  
Santa Cruz, CA 95061-7720

Catherine Kelley, President  
Services: ApplSW  
Private

**Saratoga Data Services**

1960 Concorde Drive  
San Jose, CA 95131  
(408) 263-4033

Jim Lahodny, President  
Services: Proc  
Private

**SAS Institute, Inc.**

Box 8000, SAS Circle  
Cary, NC 27512-8000  
(919) 467-8000

Dr. James H. Goodnight, President  
IS Revenue (US only), FYE 12/87: \$ 101.0 m  
Total Employees: 1,400  
Services: Pfs ApplSW SysSW  
Private

Subsidiaries/Divisions:

**Lattice, Inc.**

2500 S. Highland Avenue  
Lombard, IL 60148  
(312) 916-1600

**Dave Schmitt, President**

Total Revenue, FYE 09/88: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 65

**SATCOM**

4521 Professional Circle  
Virginia Beach, VA 23455  
(804) 499-9803

Talmadge F. Broughton, President  
Total Revenue, FYE 03/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 30  
Services: Pfs ApplSW  
Private

**Satellite Computing, Inc.**

4521 Professional Circle  
Virginia Beach, VA 23455  
(804) 499-9803

Talmadge F. Broughton, President  
Total Revenue, FYE 03/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 30  
Services: ApplSW  
Private

**Satellite Information Systems Company**

Suite 1, Arapahoe Avenue  
Boulder, CO 80302  
(303) 449-0442

Mike Ellis, President, CEO  
Services: ApplSW  
Public

**Savvy Corporation**

122 Tulane SE  
Albuquerque, NM 87106  
(800) 551-5199

Richard Duddie, President  
Services: ApplSW  
Private

**Sawhney Software**

888 Seventh Avenue  
New York, NY 10106  
(212) 541-8020

**Jai Sawhney**

Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 15  
Services: Pfs ApplSW  
Private

**Saztec Computer Services Organization**

Please see Saztec International, Inc.

**CAMS 1988**  
**Directory of Information Services Companies**

**Saztec International, Inc.**

27520 Hawthorne Blvd., Suite 170  
Rolling Hills Estates, CA 90274  
(213) 544-0337  
Thomas L. Reed, CEO  
IS Revenue (US only), FYE 06/87: \$ 5.7 m  
Total Employees: 250  
Services: Pfs Proc ApplSW Tky  
Public

**Subsidiaries/Divisions:**

**Saztec Computer Services Organization**

94A Westpark Road  
Dayton, OH 45459  
(513) 439-3750  
Kent Meyer, President  
Services: Pfs Proc ApplSW

**SBT Corporation**

One Harbor Drive  
Sausalito, CA 94965  
(415) 331-9900  
Robert Davies, President/Founder  
Services: ApplSW  
Private

**SCA Products and Services, Inc.**

353 Lexington Ave.  
New York, NY 10016  
(212) 532-2990

Shirley Eis, President  
Services: Pfs ApplSW  
Private

**Schaffer & Schaffer Applied Research & Development, Inc.**

2901 North High Street  
Columbus, OH 43202  
(614) 367-3100

Dan Schaffer, President  
Services: Pfs  
Private

**Scheduling Corporation of America**

2215 York Road, Suite 414  
Oakbrook, IL 60521  
(312) 323-0444

George Stout, President  
Private

**Schlumberger CAD/CAM**

Please see Schlumberger Limited

**Schlumberger Limited**

277 Park Avenue  
New York, NY 10172  
(212) 350-9400

Michael Vailland, President  
Total Revenue, FYE 12/86: \$ 4,938.4 m  
Public

**Subsidiaries/Divisions:**

**Applicon**

4251 Plymouth Road  
Ann Arbor, MI 48106  
(313) 995-6000  
Richard A. Mohrman, General Manager  
Services: ApplSW Tky

**Schlumberger CAD/CAM**

4251 Plymouth Road  
P.O. Box 986  
Ann Arbor, MI 48106  
(313) 995-6000  
IS Revenue (US only), FYE 12/87: \$ 550.0 m  
Services: ApplSW Tky

**Schuchardt Software Systems, Inc.**

515 Northgate Drive  
P.O. Box 13778  
San Rafael, CA 94913  
(415) 492-9330  
Frederick Schuchardt, President  
Services: ApplSW  
Private

**SCICOM Data Services, Ltd.**

10101 Bren Road East  
Minnetonka, MN 55343  
(612) 933-4200  
Richard A. Walter, President  
IS Revenue (US only), FYE 06/87: \$ 15.0 m  
Total Employees: 200  
Services: Pfs Proc ApplSW  
Public

**Scicon Corporation**

Please see British Petroleum Company (The) PLC

**Science Applications International Corp.**

10260 Campus Point Dr.  
San Diego, CA 92121  
(619) 546-6000  
J.R. Beyster, President  
IS Revenue (US only), FYE 01/87: \$ 180.0 m  
Total Employees: 8,665  
Services: Pfs Proc ApplSW SysSW SysInt Tky  
Private

**Science Dynamics Corp.**

1919 Springdale Road  
Cherry Hill, NJ 08003  
(609) 424-0068  
Lyndon A. Keele  
IS Revenue (US only), FYE 12/87: \$ 0.5 m  
Total Employees: 85  
Services: Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Science Management Corporation**

P.O. Box 0600  
Basking Ridge, NJ 07920  
(201) 647-7000

James A. Skidmore, Jr., President  
IS Revenue (US only), FYE 12/87: \$ 82.1 m  
Total Employees: 850  
Services: Pfs  
Public

**Science Research Associates, Inc.**

155 N. Wacker Drive  
Chicago, IL 60606  
(312) 984-7000

Joe Goth, President  
Services: ApplSW  
Private

**Scientific Calculations, Inc.**

Please see Harris Corporation

**Scientific Computers, Inc.**

Name changed. Please see SCICOM Data Services, Ltd.

**Scientific Software - Intercomp**

1801 California Street  
Denver, CO 80202  
(303) 292-1111

Allen Brietenbach  
IS Revenue (US only), FYE 12/87: \$ 27.2 m  
Total Employees: 204  
Services: Pfs Proc ApplSW SysSW Tky  
Public

**Scientific Systems, Inc.**

One Alewife Place  
35 Cambridge Park Drive  
Cambridge, MA 02140  
(617) 661-6364

Private

**Scientific Systems Services, Inc. (SSS)**

Acquired. Please see Computer Task Group, Inc.

**SCS/Computer, Inc.**

1714 Deer Tracks Trail  
St. Louis, MO 63131  
(314) 966-1040

Robert W. Nolan, President  
Total Revenue, FYE 04/88: (Est) \$ 20.0 m  
IS Revenue: \$ 20.0 m  
Total Employees: 195  
Services: Proc ApplSW  
Public

Subsidiaries/Divisions:

**Accountants Microsystems, Inc.**

3633 136th Place, S.E.  
Bellevue, WA 98006  
(206) 643-2050

Richard J. LaPorte, President  
Total Revenue, FYE 04/88: (Est) \$ 15.0 m  
IS Revenue: \$ 14.3 m  
Total Employees: 95  
Services: Pfs ApplSW

**S-Cubed**

Please see Maxwell Laboratories

**SDAC**

9530 Warner Avenue, Suite 307  
Fountains Valley, CA 92708  
(714) 964-9909

Private

**SDA Federal Systems, Inc.**

7500 Greenway Center Drive, Suite 410  
Greenbelt, MA 20770  
(301) 345-6060

Richard K. Hampson, President  
Services: Pfs  
Private

**SDD, Inc.**

3100 Arapahoe Road, Suite 202  
Boulder, CO 80303  
(303) 449-3634

Al Colwicz, President  
IS Revenue (US only), FYE 12/87: \$ 3.0 m  
Total Employees: 20  
Services: ApplSW  
Private

**SDI**

1700 South El Camino Real  
P.O. Box 5801  
San Mateo, CA 94402  
(415) 572-1200

Victor Persico, President  
Services: ApplSW  
Private

**SDK Healthcare Information Systems**

1550 Soldiers Field Road  
Boston, MA 02135-1105  
(617) 783-7351

Michael Kaufman, President  
IS Revenue (US only), FYE 04/87: \$ 6.0 m  
Total Employees: 70  
Services: Pfs Proc ApplSW  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**SDMI**

1900 W. 75th St., Suite 5  
Prairie Village, KS 66208  
(913) 362-0388  
Davis Pler, President  
Private

**SD/Scicon**

Palo Alto, CA  
(415) 494-1165  
Chris Tendele  
IS Revenue (US only), FYE 01/87: \$ 110.0 m  
Total Employees: 1,000  
Services: Pfs ApplSW SysInt  
Private

**Seaside Software Inc.**

P.O. Box 1428  
Perry, FL 32347  
(800) 327-5726  
M.H. Green  
IS Revenue (US only), FYE 12/87: \$ 4.3 m  
Total Employees: 40  
Services: ApplSW  
Private

**Seattle OS, Inc.**

1309 114th Avenue S.E.  
Bellevue, WA 98004  
(206) 455-5117  
Jim Whelau, President  
IS Revenue (US only), FYE 10/87: \$ 2.0 m  
Total Employees: 9  
Services: SysSW  
Private

**Secure Data Corporation**

Please see Security Bank Corporation

**Securities Industry Automation Corp.**

55 Water St.  
New York, NY 10041  
(212) 623-3733  
Charles B. McQuade, President  
IS Revenue (US only), FYE 12/87: \$ 159.3 m  
Total Employees: 1,250  
Services: Pfs Proc  
Private

**Security Bank Corporation**

Subsidiaries/Divisions:

**Secure Data Corporation**

1080 W. Entrance Drive  
Auburn Hills, MI 48057  
(313) 377-2020  
John H. Oser, President  
Total Employees: 195  
Services: ApplSW

**Security Pacific Corporation**

333 South Hope Street  
Los Angeles, CA 90071  
(213) 613-6211  
Public

Subsidiaries/Divisions:

**Bankline, Inc.**

Lincoln Center  
11225 N 28th Drive, Suite C-207  
Phoenix, AZ 85029  
(602) 993-5815  
Ron Hawkes, Vice President  
Services: Tky

**Precision Business Systems**

33 Rector Street  
New York, NY 10006  
(212) 425-0200  
Services: Pfs ApplSW Tky  
Private

**Security Pacific Information Services**

10174 Old Grove Road  
San Diego, CA 92131  
(619) 530-9214

**SPC Software Services, Inc.**

61 Broadway, 27th Floor  
New York, NY 10006  
(212) 425-0200  
Richard Maler, President  
Services: ApplSW

**Security Pacific Information Services**

Please see Security Pacific Corporation

**SEED Software Corp.**

Please see ManTech International Corporation

**SEI Corporation**

680 E. Swedesford Road  
Wayne, PA 19087-1658  
(215) 254-1000  
Alfred P. West, Jr.  
IS Revenue (US only), FYE 12/87: \$ 53.5 m  
Total Employees: 1,053  
Services: Pfs Proc ApplSW  
Public

**SEI Information Technology**

Please see Shields Enterprises

# CAMS 1988

## Directory of Information Services Companies

**Seisdata Services, Inc.**  
16800 Imperial Valley Dr., Suite 400  
Houston, TX 77060  
(713) 931-7661

Raymond W. Clawson, President  
Services: Proc  
Public

**Seismograph Service Co.**

6200 E. 41st St.  
P.O. Box 1590  
Tulsa, OK 74102  
(918) 627-3330

Bill G. Baugh, President  
IS Revenue (US only), FYE 11/87: \$ 19.2 m  
Total Employees: 240  
Services: Proc SysSW  
Public

**Sendero Corporation**

Please see Flserv, Inc.

**Sensible Designs**

5095 Murphy Canyon Road, #200  
San Diego, CA 92123  
(619) 268-0123

Hank Lautenback, President  
IS Revenue (US only), FYE 12/87: \$ 0.5 m  
Total Employees: 4  
Services: ApplSW  
Private

**Sensible Software**

210 S. Woodward, Suite 229  
Birmingham, MI 48011  
(313) 258-5566

Charles Hartley, President  
Services: ApplSW  
Private

**Sentinel Computer Corporation**

8800 Governors Hill Road, #100  
Cincinnati, OH 45249-1338  
(513) 677-2400

Donald J. Gallagher, Jr., President  
Services: Pfs ApplSW  
Private

**Sentinel Computer Products**

130 North Street  
Hyannis, MA 02601  
(617) 775-5220

Private

**Sequent Computer Systems, Inc.**

15450 Southwest-Koll Parkway  
Beaverton, OR 97006-6063  
(800) 237-8902

Casey Powell, President  
Total Revenue, FYE 12/88: (Est) \$ 38.0 m  
IS Revenue: \$ 5.7 m  
Total Employees: 475  
Services: SysSW  
Public

**Serving Software, Inc. (SSI)**

2221 University Avenue  
Minneapolis, MN 55414  
(612) 623-2840

John Haugo, President  
IS Revenue (US only), FYE 12/87: \$ 2.5 m  
Total Employees: 29  
Services: ApplSW  
Private

**SGM, Inc.**

8830 Interchange Dr.  
Houston, TX 77054  
(713) 666-2701

Bill McCullough, President  
Services: ApplSW  
Private

**Shales & Young Information Systems, Inc.**

405 N. Wabash Ave., Suite 507  
Chicago, IL 60611  
(312) 645-0808

Michael S. Young, President  
Services: Pfs  
Private

**Shanali Software, Inc.**

171 South Livingston Avenue  
Livingston, NJ 07039  
(201) 992-7971

Private

**Share Data, Inc.**

7400 W. Detroit St., Suite C170  
Chandler, AZ 85226  
(602) 961-0003

Mike Williams, President  
IS Revenue (US only), FYE 06/87: \$ 5.0 m  
Total Employees: 35  
Services: Network ApplSW  
Public

Subsidiaries/Divisions:

**CAMS 1988**  
**Directory of Information Services Companies**

**Metasoft Corporation**

7400 W. Detroit Street  
Suite 170  
Chandler, AZ 85226  
(602) 961-0003

Michael Williams  
Total Revenue, FYE 12/87: (Est) \$ 7.5 m  
Total Employees: 45  
Services: ApplSW  
Private

**Shared Financial Systems**

15301 Dallas Parkway  
Suite 650  
Dallas, TX 75248  
(214) 233-8356

William McCormick, President  
Services: ApplSW  
Private

**Shared Medical Systems Corporation**

51 Valley Stream Parkway  
Malvern, PA 19355  
(215) 296-6300

R. James Macaleer, President  
IS Revenue (US only), FYE 12/87: \$ 391.0 m  
Total Employees: 4,020  
Services: Pfs Proc ApplSW Tky  
Public

**Shaw Data Services, Inc.**

122 E. 42nd St., Suite 2307-8  
New York, NY 10168  
(212) 682-8877

William Burnett, President  
Services: Proc  
Private

**Shaw Systems Associates, Inc.**

6200 Savoy Drive  
Suite 600  
Houston, TX 77036  
(713) 782-7730

Roy Shaw Jr., President  
Total Revenue, FYE 10/87: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 43  
Services: ApplSW  
Private

**ShawWare Inc.**

3365 Harvester Road  
Burlington L7N 3N2  
Ontario  
Canada  
(416) 632-6015

John Williamson, President  
Services: ApplSW  
Private

**S & H Computer Systems, Inc.**

1027 17th Avenue South  
Nashville, TN 37211  
(615) 327-3670

Harry R. Sanders, President  
Services: ApplSW  
Private

**Sheshunoff Information Services, Inc.**

Please see Warren, Gorham, and Lamont

**Shields Enterprises**

T. Russel Shields, President  
Private

**Subsidiaries/Divisions:**

**SEI Information Technology**

450 East Ohio Street  
Chicago, IL 60611  
(312) 440-8300

**Fidelis Yumch, President**

Total Revenue, FYE 09/86: (Est) \$ 7.0 m  
IS Revenue: \$ 7.0 m  
Total Employees: 110  
Services: Pfs

**SHL System House, Inc.**

50 O'Connor St.  
Ottawa K1P6B9  
Ontario  
Canada  
(613) 236-9734

**Roderick Bryden**

IS Revenue (US only), FYE 08/87: \$ 114.0 m  
Total Employees: 1,600  
Services: SysInt  
Public

**Shubrooks International, Ltd.**

Acquired. Please see Computer Task Group, Inc.

**Sidereal Corporation**

Please see Trans Technology, Inc.

**Sierra Geophysics Inc.**

11255 Kirkland Way  
Kirkland, WA 98033  
(206) 822-5200

**Robert S. Hart**

Total Revenue, FYE 12/87: (Est) \$ 15.0 m  
IS Revenue: \$ 15.0 m  
Total Employees: 150  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Sierra On-Line, Inc.**

Sierra On-Line Bldg.  
P.O. Box 485  
Coarsegold, CA 93614  
(209) 683-4468

Richard Cavin, President

IS Revenue (US only), FYE 12/87: \$ 13.2 m

Total Employees: 144

Services: ApplSW

Private

**Sigma Design, Inc.**

61 Inverness Drive  
E. Englewood, CO 80112  
(303) 790-9080

Ken Ledeen, President

Services: Pfs ApplSW SysInt Tky

Private

**Sigma Systems, Inc.**

1508 Cotner Avenue  
Los Angeles, CA 90025  
(213) 477-1421

Steve Champagne, President

IS Revenue (US only), FYE 07/87: \$ 1.0 m

Total Employees: 16

Services: ApplSW

Private

**Signal Technology, Inc.**

5951 Encina Road  
Goleta, CA 93117  
(805) 683-3771

John Markel, President

Total Revenue, FYE 09/86: (Est) \$ 8.0 m

IS Revenue: \$ 8.0 m

Total Employees: 100

Services: ApplSW

Private

**Signet Data Systems, Ltd.**

611 N. Courthouse Road  
Richmond, VA 23236  
(804) 794-2800

Larry D. Wallace, President

Services: ApplSW

Private

**Silicon Graphics**

2011 North Shoreline Blvd.  
Mountain View, CA 94043  
(415) 960-1980

Ed McCracken, President

IS Revenue (US only), FYE 06/87: \$ 117.0 m

Total Employees: 1,200

Services: Tky

Public

**Silvar-Lisco**

1080 Marsh Road  
Menlo Park, CA 94025  
(415) 324-0700

Paul Seckendorf, President

IS Revenue (US only), FYE 04/87: \$ 13.0 m

Total Employees: 140

Services: ApplSW

Public

**Simon & Schuster, Inc.**

Please see Gulf & Western, Inc.

**Simpact Associates, Inc.**

9210 Sky Park Court  
San Diego, CA 92123  
(619) 565-1865

Bill Doll, President

IS Revenue (US only), FYE 03/87: \$ 11.6 m

Total Employees: 180

Services: Pfs

Private

**SIMPLAN Systems, Inc.**

300 Eastown Drive  
Suite 100  
Chapel Hill, NC 27514  
(919) 851-6917

David Wilkerson

Services: Pfs ApplSW Tky

Private

**Simware, Inc.**

20 Colonnade Road  
Ottawa K2E 7M6  
Ontario  
Canada  
(613) 727-1779

William Breen, President

Total Revenue, FYE 04/88: (Est) \$ 10.0 m

IS Revenue: \$ 10.0 m

Total Employees: 125

Services: SysSW

Private

**Sirco Enterprises, Inc.**

2265 Livernois, Suite 100  
Troy, MI 48063  
(313) 362-2200

Robert G. Sirna, President

IS Revenue (US only), FYE 08/87: \$ 2.4 m

Total Employees: 110

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**SIR, Inc.**

707 Lake Cook Road, #200  
 Deerfield, IL 60015-4909  
 (312) 480-9270

Berry Robinson, President  
 Services: Pfs ApplSW  
 Private

**Skok Systems, Inc.**

222 3rd Street  
 Cambridge, MA 02142  
 (617) 868-6003

Al Moulton, President  
 IS Revenue (US only), FYE 01/87: \$ 2.0 m  
 Total Employees: 18  
 Services: Pfs ApplSW  
 Private

**SK Technologies**

1650 South Dixie Hwy.  
 Boca Raton, FL 33432  
 (407) 393-7540

Randy Selman, President  
 Total Revenue, FYE 03/88: (Est) \$ 2.4 m  
 IS Revenue: \$ 2.4 m  
 Total Employees: 9  
 Services: SysSW  
 Private

**Small Systems Software, Inc.**

10135 Grange Avenue  
 Rockford, MI 49341  
 (616) 866-4315

James Elenbeaf, President  
 Services: ApplSW SysInt Tk  
 Private

**Smart Systems Technology, Inc**

8130 Boon Blvd. #500  
 Vienna, VA 22180  
 (703) 893-0429

Ken Haynes, President  
 IS Revenue (US only), FYE 01/87: \$ 0.7 m  
 Total Employees: 6  
 Services: Pfs  
 Private

**Smith, Abbot & Co., Inc.**

9475 Deereco Road  
 Timonium, MD 21093  
 (301) 296-9032

E. Jackson Smith, President  
 IS Revenue (US only), FYE 01/87: \$ 4.0 m  
 Total Employees: 39  
 Services: ApplSW  
 Private

**Smith, Dennis & Gaylord**

3211 Scott Boulevard  
 Santa Clara, CA 95054  
 (408) 727-1870

Dave L Dunbar, President & CEO  
 Total Revenue, FYE 01/86: (Est) \$ 9.0 m  
 IS Revenue: \$ 7.5 m  
 Services: Pfs Proc ApplSW Tk  
 Private

**Smyth Business Systems**

7100 Whipple Ave., N.W.  
 P.O. Box 8800  
 Canton, OH 44711  
 (216) 499-6392

Private

**SoftAd Group (The)**

207 2nd Street  
 Sausalito, CA 94965  
 (415) 332-4704

Paula George, President  
 Total Revenue, FYE 12/87: (Est) \$ 2.5 m  
 IS Revenue: \$ 2.5 m  
 Total Employees: 20  
 Services: ApplSW  
 Private

**Softa Group (The)**

450 Skokie Blvd.  
 Northbrook, IL 60062  
 (312) 291-4000

Pat Polachek, Executive President  
 Total Revenue, FYE 10/88: (Est) \$ 4.0 m  
 IS Revenue: \$ 4.0 m  
 Total Employees: 40  
 Services: ApplSW  
 Public

**Softbridge Microsystems, Inc.**

125 Cambridge Park Drive  
 Cambridge, MA 02140  
 (617) 576-2257

Ted Joesph, President  
 IS Revenue (US only), FYE 12/87: \$ 18.0 m  
 Total Employees: 150  
 Services: ApplSW  
 Private

**Soft Core International, Inc.**

Please see Distek

**Softech, Inc.**

460 Totten Pond Road  
 Waltham, MA 02254-9197  
 (617) 890-6900

Justus F. Lowe, Jr., President  
 IS Revenue (US only), FYE 05/87: \$ 39.6 m  
 Total Employees: 588  
 Services: Pfs ApplSW SysSW SysInt  
 Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Softest Inc.**

555 Goffle Road  
Ridgewood, NJ 07450  
(201) 447-3901  
David Schneider, President  
Services: Pls ApplSW  
Private

**Softflex Systems, Inc.**

875 Swift Blvd.  
Richland, WA 99352  
(509) 946-9320  
Mike DeWitt, President  
IS Revenue (US only), FYE 12/87: \$ 1.0 m  
Total Employees: 11  
Services: ApplSW SysSW  
Private

**Softkat**

15015 Oxnard Street  
Van Nuys, CA 91411  
(213) 781-5280  
Private

**Softlab GmbH**

West Germany

Subsidiaries/Divisions:

**Softlab Inc.**

188 The Embarcadero Bayside Plaza  
7th Floor  
San Francisco, CA 94105  
(415) 957-9175  
Bob Coolidge, President  
Total Revenue, FYE 09/88: \$ 2.2 m  
IS Revenue: \$ 2.2 m  
Total Employees: 29  
Services: SysSW

**Softlab Inc.**

Please see Softlab GmbH

**Soft Letter**

63 Sacramento St.  
Cambridge, MA 02138  
(617) 868-0157  
Private

**Softlogic Solutions, Inc.**

One Perimeter Road  
Manchester, NH 03103  
(603) 627-9900  
Ed Tolson, President  
Services: SysSW  
Private

**Softool Corporation**

340 South Kellogg Ave.  
Goleta, CA 93117  
(805) 683-5777  
Leon Presser, President  
Private

**Soft Pro Systems**

4121 MacDonald Ave.  
Richmond, CA 94805  
(415) 234-5440  
Richard Hsiao, Managing Director  
Public

**Softtrack Systems**

P.O. Box 16750  
Salt Lake City, UT 84116  
(801) 531-8550  
Curtis Allen, President  
IS Revenue (US only), FYE 12/87: \$ 1.2 m  
Total Employees: 13  
Services: ApplSW  
Private

**SofTrak Systems**

1977 W. North Temple  
P.O. Box 22156 AMF  
Salt Lake City, UT 84122  
(801) 531-8550  
Services: ApplSW  
Private

**Softron**

150 Nassau St., Suite 2024  
New York, NY 10038  
(212) 608-2922  
Private

**Softronics, Inc.**

7899 Lexington Drive, Suite 210  
Colorado Springs, CO 80918  
(303) 593-9540  
Services: ApplSW  
Private

**Softsmith Corporation**

1431 Doolittle Drive  
San Leandro, CA 94577  
(415) 487-5900  
Private

**Softstar**

13935 U.S. Highway #1  
Juno Beach, FL 33408  
(305) 848-7054  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Softsync, Inc.**

162 Madison Ave.  
New York, NY 10016  
(212) 685-2080  
Sue Currier, President  
Total Revenue, FYE 02/88: (Est) \$ 2.5 m  
Total Employees: 25  
Services: ApplSW  
Private

**Software 2000, Inc.**

1 Park Center  
Independence Park  
Hyannis, MA 02601  
(508) 771-0900  
Robert A. Pemberton  
Total Revenue, FYE 12/88: (Est) \$ 7.0 m  
Private

**Software Academy, Inc.**

9574 Lamar St.  
Spring Valley, CA 92077-2809  
(619) 464-2500  
Dr. A. Pirouzan, President  
Services: Pfs Proc ApplSW Tky  
Public

**Software AG Systems, Inc.**

11800 Sunrise Valley Dr.  
Reston, VA 22091  
(703) 860-5050  
John N. Maguire, President  
IS Revenue (US only), FYE 05/87: \$ 54.1 m  
Total Employees: 432  
Services: SysSW  
Public

**Software Alliance Corporation**

Please see Teknekron Industries

**Software Architecture & Engineering, Inc.**

1600 Wilson Boulevard  
Arlington, VA 22209  
(703) 276-7910  
Andy Serrentino, President  
Services: Pfs ApplSW  
Private

**Software Automation**

14333 Proton  
Dallas, TX 75234  
(214) 392-2802  
Private

**Software Clearing House, Inc. (The)**

895 Central Avenue  
Cincinnati, OH 45202  
(513) 579-0455  
Roger Schorr, President  
Services: SysSW  
Private

**Software Concepts**

250 Piedmont Avenue, N.E., Suite 1450  
Atlanta, GA 30308  
(602) 225-0555  
Cliff Meyers, President  
Services: ApplSW  
Private

**Software Design Associates, Inc.**

Please see AGS Computers, Inc.

**Software Development and Maintenance International, Inc.**

134 Spring Avenue  
P.O. Box 579  
Fuquay-Varina, NC 27526  
(919) 552-5662  
Gene Truelove, President  
Total Employees: 47  
Private

**Software Digest**

One Wynnewood Road, Suite 106  
Wynnewood, PA 19096  
(215) 649-7000  
Private

**Software Directions, Inc.**

1572 Sussex Turnpike  
Randolph, NJ 07869  
(201) 584-8466  
Services: ApplSW  
Private

**Software Dynamics, Inc.**

330 Hamilton, Suite 202  
Birmingham, MI 48089  
(313) 646-7499  
David Tuttle, President  
Services: Pfs Tky  
Private

**Software Express (The)**

2825 Willcrest Drive #210  
Houston, TX 77042  
(713) 974-2298  
C.A. Johnson, President  
IS Revenue (US only), FYE 12/87: \$ 2.1 m  
Total Employees: 13  
Services: ApplSW SysSW  
Private

**Software Extraordinaire**

1419 8th Avenue West  
Bellevue/Seattle, WA 98119  
(206) 282-9422  
Paul Weston, President  
IS Revenue (US only), FYE 12/87: \$ 0.3 m  
Total Employees: 6  
Services: SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Software Factory (The)**  
131 E. Hamilton Ave.  
Campbell, CA 95008  
(408) 374-4114

Roger Brown, President  
Services: Pfs Proc ApplSW Tky  
Private

**Software Group (The)**  
RD4 Northway 10  
Executive Park  
Ballston Lake, NY 12019  
(518) 877-8600  
Private

**Software International Corporation**  
Acquired. Please see Computer Associates International, Inc.

**Software Ireland Representatives, Inc.**  
27665 Forbes Road  
Laguna Niguel, CA 92677  
(714) 582-0233  
Services: ApplSW  
Private

**Software Link, Inc. (The)**  
3577 Parkway Lane  
Atlanta, GA 30092  
(404) 448-5464

Rod D. Roark, President  
IS Revenue (US only), FYE 11/87: \$ 14.0 m  
Total Employees: 103  
Services: SysSW  
Private

**Software Models**  
P.O. Box 1029  
Crestline, CA 92325  
(714) 338-5075  
Private

**Software Performance Group, Inc.**  
1363-26 Veterans Highway  
Hauppauge, NY 11788  
(516) 361-7880  
Edward Willner  
Total Revenue, FYE 12/88: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 18  
Services: Pfs ApplSW SysSW Tky  
Private

**Software Publishing Corporation**  
1901 Landings Drive  
Mountain View, CA 94303  
(415) 962-8910

Fred M. Gibbons, President  
IS Revenue (US only), FYE 09/87: \$ 39.5 m  
Total Employees: 206  
Services: ApplSW  
Public

**Software Pursuits, Inc.**  
1420 Harper Bay Parkway, #200  
Alameda, CA 94501  
(415) 769-4900

Larry Salvesson, President  
IS Revenue (US only), FYE 10/87: \$ 3.0 m  
Total Employees: 35  
Services: SysSW  
Private

**Software Research**  
625 Third Street, 4th Floor  
San Francisco, CA 94107-1997  
(415) 957-1441

Dr. Edward F. Miller, Jr., President  
IS Revenue (US only), FYE 03/87: \$ 1.0 m  
Total Employees: 15  
Services: Pfs SysSW  
Private

**Software Research Corporation**  
One Natick Executive Park  
Natick, MA 01760  
(617) 655-1133

Paul Tucker, President  
Services: ApplSW  
Private

**Software Services of America, Inc.**  
Jefferson Office Park  
790 Turnpike Street  
North Andover, MA 01845  
(617) 681-0802

Bertram R. Hickman, Jr., President  
Total Revenue, FYE 05/88: \$ 4.2 m  
Total Employees: 19  
Services: ApplSW  
Public

**Software Services of Florida**  
11300 4th St. N., Paragon Crossing  
St. Petersburg, FL 33702  
(813) 577-1475  
Herbert C. Hesse III, President  
Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Software Shop Systems**

Route 34P  
P.O. Box 728  
Farmingdale, NJ 07727  
(201) 938-3200  
Ron Koval, President  
Services: ApplSW  
Private

**Software Strategies**

7412 Washington Avenue  
Eden Prairie, MN 55344  
(612) 941-4044  
Private

**Software Systems, Inc.**

1570 N. Main  
P.O. Box 31  
Spanish Fork, UT 84660  
(801) 798-9851  
Duane Hutchings, President  
IS Revenue (US only), FYE 09/87: \$ 0.9 m  
Total Employees: 11  
Services: Pfs ApplSW SysInt Tky  
Private

**Software Techniques, Inc.**

6600 Katella Avenue  
Cypress, CA 90630  
(714) 895-1633  
Rick Scherle, President  
Private

**Softyme**

339 Bryant St.  
San Francisco, CA 94017  
(415) 543-4600  
Tom Sherby, President  
Services: ApplSW  
Private

**Solid State Software, Inc.**

1401 N. Jesse James Road  
Excelsior Springs, MO 64024  
(816) 637-8638  
Mr. William McCullough, President  
IS Revenue (US only), FYE 12/87: \$ 0.2 m  
Total Employees: 2  
Services: ApplSW  
Private

**Solutionware Corporation**

1283 Mtn. View-Alviso Rd., Suite B  
Sunnyvale, CA 94089  
(408) 745-7818  
Jon Perro  
IS Revenue (US only), FYE 01/87: \$ 1.6 m  
Total Employees: 13  
Services: ApplSW  
Private

**Solvation, Inc.**

5 Mount Royal Avenue  
Marlborough, MA 01752  
(617) 481-9390  
Steven Kludt, President  
Total Employees: 8  
Services: Pfs ApplSW Tky  
Private

**SONA Systems Corporation**

8575 Willows Road  
Redmond, WA 98052  
(206) 883-1606  
Nick Miller, President  
Private

**Sonecor Systems**

Please see Southern New England Telephone

**SOS Computer Systems, Inc.**

1401 W. 820 North  
Provo, UT 84601  
(801) 375-7775  
David Smart, President  
IS Revenue (US only), FYE 01/87: \$ 3.0 m  
Total Employees: 55  
Services: Proc Tky  
Private

**Sotas, Inc.**

192 Merrimack Street  
Haverhill, MA 01830  
(617) 372-0770  
Chester Domoracki, President  
IS Revenue (US only), FYE 12/87: \$ 4.4 m  
Total Employees: 40  
Services: Pfs ApplSW  
Private

**Source-2**

3920 Freedom Circle  
Santa Clara, CA 95050  
(408) 727-2200  
Robert Solomon, President  
Private

**Source EDP**

365 Canal Street, Suite 2310  
New Orleans, LA 70130  
(504) 561-6000  
Private

**SourceMate Information Systems, Inc.**

20 Sunnyside Avenue  
(415) 381-1011  
Ben Tse  
Total Revenue, FYE 07/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 50  
Services: ApplSW SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Source Telecomm**

Acquired. Please see Welsh, Carson, Anderson and Stowe

**Source Telecomputing Corporation**

1616 Anderson Rd.  
McLean, VA 22102  
(703) 734-7500

Jay Keller, President

Total Revenue, FYE 06/87: (Est) \$ 15.0 m

Total Employees: 110

Private

**Southern Electric International, Inc.**

100 Ashford Center North, Suite 400  
Atlanta, GA 30338  
(404) 261-4700

Services: ApplSW

Private

**Southern New England Telephone**

227 Church Street  
New Haven, CT 06506  
(203) 771-5200

Public

Subsidiaries/Divisions:

**Sonacor Systems**

367 Orange Street  
New Haven, CT 06511  
(203) 497-6000

Charles Harrison, President

**South-Western Publishing Company**

5101 Madison Road  
Cincinnati, OH 45227  
(513) 271-8811

Private

**Southwest Software**

Acquired. Please see Altai Software Division

**Spar Associates, Inc.**

927 West Street  
Annapolis, MD 21401  
(301) 263-8093

Laurent Deschamps, President

IS Revenue (US only), FYE 11/87: \$ 0.6 m

Total Employees: 6

Services: Proc ApplSW SysInt

Private

**Spartacus Computers, Inc.**

1 Communications Way  
Independence Park  
Hyannis, MA 02601-1892  
(617) 778-0700

James Atkins, President

Services: Pfs ApplSW

Private

**SPC Software Services, Inc.**

Please see Security Pacific Corporation

**Spectrum Human Resource Systems Corporation**

1625 Broadway, Suite 2800  
Denver, CO 80202  
(303) 534-8813

James Spoot, President

Private

**Spectrum Interactive Corporation**

9 Oak Park Drive  
Bedford, MA 01730  
(508) 271-0500

Services: Pfs ApplSW

**Spectrum Technology Group, Inc.**

1250 Route 28  
P.O. Box 5365  
North Branch, NJ 08876  
(201) 725-4010

Services: Pfs

Private

**Speech Plus, Inc.**

640 Clyde Court  
P.O. Box 7461  
Mountain View, CA 94039  
(415) 964-7023

Peter Lloyd, President

Total Revenue, FYE 12/87: (Est) \$ 3.5 m

IS Revenue: \$ 3.5 m

Total Employees: 40

Services: ApplSW

Private

**Speech Systems, Inc.**

18356 Oxnard Street  
Tarzana, CA 91356  
(818) 881-0885

William S. Meisel, President

Private

**Spillman Data Systems, Inc.**

15 South Main Suite 400  
Logan, UT 84321  
(801) 753-1610

Richard E. Spillman, President

Services: Pfs ApplSW Tky

Private

**Spinnaker Software Corp.**

One Kendall Square  
Cambridge, MA 02139  
(617) 494-1200

C. David Suess, President

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Spokane Computer Services, Inc.**

915 W. 2nd Ave.  
Spokane, WA 99204  
(509) 624-4248  
Daniel L. Olson, President  
IS Revenue (US only), FYE 04/87: \$ 3.0 m  
Total Employees: 30  
Services: ApplSW SysInt  
Private

**SPORTSware, Inc.**

P.O. Box 425  
West Linn, OR 97068  
(503) 650-0605  
Harry Turvey, President  
Services: ApplSW  
Private

**Springboard Software**

7808 Creek Ridge Circle  
Minneapolis, MN 55435  
(612) 944-3915  
John Paulson, President  
Total Revenue, FYE 12/86: \$ 9.1 m  
IS Revenue: \$ 9.1 m  
Total Employees: 33  
Services: ApplSW  
Public

**SPSS, Inc.**

444 North Michigan Avenue  
Chicago, IL 60611  
(312) 329-2400  
IS Revenue (US only), FYE 12/87: \$ 26.0 m  
Services: ApplSW  
Private

**SPS Software Products & Service, Inc.**

14 East 38th St., 14th Floor  
New York, NY 10016  
(212) 686-3790  
Dr. Alex Rainer, President  
Services: Pfs ApplSW  
Private

**Squibb Corporation**

P.O. Box 4000  
Princeton, NJ 08540  
(609) 921-4000  
Dennis C. Fill, President  
Public

**SRS Networking, Inc.**

330 7th Avenue  
19th Floor  
New York, NY 10001  
(212) 239-6363  
T. Sheridan, President  
Total Employees: 86  
Services: Pfs Network SysSW  
Public

**SRW Computer Components**

18385 Bandilier Circle  
Fountain Valley, CA 92708  
(714) 963-5500  
Private

**SSR Corporation**

1600 Lyell Ave.  
Rochester, NY 14606  
(716) 254-3200  
Joseph J. Julian, President  
Services: ApplSW  
Private

**SST, Inc.**

4701 W. Schroeder Drive, #100  
Milwaukee, WI 53223  
(414) 355-6555  
Wes Goode, President  
IS Revenue (US only), FYE 12/87: \$ 1.0 m  
Total Employees: 6  
Services: Tky  
Private

**Standard & Poor's Compustat Services, Inc.**  
Please see McGraw-Hill, Inc.

**Standard Rate & Data Service, Inc.**  
Please see MacMillan, Inc.

**Stanford Telecommunications**

2421 Mission College Blvd.  
Santa Clara, CA 95054  
(408) 748-1010  
James J. Spilker, Jr., President and Chairman  
Total Revenue, FYE 03/88: (Est) \$ 57.2 m  
Total Employees: 646  
Public

**Stanley Works**

1000 Stanley Drive  
New Britain, CT 06053  
(203) 225-5111  
Private

**Subsidiaries/Divisions:**

**Vidmar Stanley**

11 Grammis Road  
Allentown, PA 18103  
(215) 797-6600  
William DeVancey, President

**Stardun, Inc.**

**Subsidiaries/Divisions:**

**CAMS 1988**  
**Directory of Information Services Companies**

**Cimarron**

2158 S. Hathaway  
Santa Ana, CA 92705  
(714) 241-5600  
Al Jacobellis, President  
Services: ApplSW

**Starlex Systems & Services, Inc.**

989 6th Ave.  
New York, NY 10018  
(212) 714-1333

Lawrence Levine, President  
Private

**Star Software Systems**

367 Van Ness Way  
Torrance, CA 90501  
(213) 533-1190

Bill Webster, President  
IS Revenue (US only), FYE 11/87: \$ 3.9 m  
Total Employees: 29  
Services: ApplSW  
Private

**Statistical Tabulating Corporation**

2 North Riverside Plaza  
Chicago, IL 60606  
(312) 454-8000

Michael R. Notaro, Sr., President  
Services: Pfs Proc  
Private

**STC Systems, Inc. & Ultimacc Global Software**

**Business System**

4 North St.  
Waldwick, NJ 07463  
(201) 445-5050

George Pilmanis, President  
Services: ApplSW Tky  
Private

**Stemco, Inc.**

P.O. Box 1989  
Longview, TX 75606  
(800) 427-2051

Roger Marksberry, President  
IS Revenue (US only), FYE 12/87: \$ 2.0 m  
Total Employees: 100  
Services: Network  
Private

**Stepstone Corporation (The)**

75 Glen Road  
Sandy Hook, CT 06982  
(203) 426-0699

Dennis Sisco, President  
IS Revenue (US only), FYE 12/87: \$ 4.4 m  
Total Employees: 55  
Services: SysSW  
Private

**Sterling Software, Inc.**

3700 Campbell Centre  
8350 N. Central Expwy.  
Dallas, TX 75206  
(214) 891-8600

Sterling L. Williams, President  
IS Revenue (US only), FYE 09/87: \$ 200.0 m  
Total Employees: 2,450  
Services: Pfs ApplSW SysSW  
Public

**Subsidiaries/Divisions:**

**Dylakor**

17418 Chatsworth Street  
Granada Hills, CA 91344  
(818) 366-1781

Carole Morton, President  
Services: ApplSW

**Sterling Swift Publishing Co.**

7901 South IH-35  
Austin, TX 78744  
(512) 282-6840

Private

**STI Software Technology Inc.**

6101 S. 58th Street  
Lincoln, NE 68516  
(402) 423-1440

Brad Berlin, CEO

IS Revenue (US only), FYE 04/87: \$ 2.0 m  
Total Employees: 24  
Services: Pfs ApplSW  
Private

**St. John's Data Systems, Inc.**

Acquired. Please see SCICOM Data Services, Ltd.

**St. Joseph Systems, Inc.**

Acquired. Please see Systematics, Inc.

**STM Systems**

Name changed. Please see Global Turnkey  
Systems, Inc.

**Stockholder Systems, Inc.**

4411 E. Jones Bridge Road  
Norcross, GA 30092  
(404) 441-3387

Lawrence A. Dean, President

IS Revenue (US only), FYE 03/87: \$ 18.4 m  
Total Employees: 103  
Services: ApplSW  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Stone & Associates**

7910 Ivanhoe Ave., Suite 319  
La Jolla, CA 92037  
(619) 459-9173

Viveca Stone, President

IS Revenue (US only), FYE 12/87: \$ 0.5 m

Total Employees: 18

Services: ApplSW

Private

**Stonehouse and Company, Inc.**

4100 Spring Valley Road, Suite 400  
Dallas, TX 75244  
(214) 960-1566

Marshall Roberts, President

IS Revenue (US only), FYE 12/87: \$ 2.5 m

Total Employees: 25

Services: ApplSW

Private

**St. Paul Software**

786 Transfer Road  
St. Paul, MN 55114  
(612) 641-0963

Gary Anderson, President

Total Revenue, FYE 12/87: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 8

Services: SysSW

Private

**Strata Search**

1449 Champa Street  
Denver, CO 80202  
(303) 571-1170

John Emert, President

IS Revenue (US only), FYE 12/87: \$ 2.2 m

Total Employees: 30

Services: Pfs SysSW

Public

**Subsidiaries/Divisions:**

**Denver Processing Center**

1449 Champa Street  
Denver, CO 80202  
(303) 571-1170

John Emmert, President

Services: Pfs Proc ApplSW

Private

**Strategic Software Planning Corporation**

245 First Street  
Cambridge, MA 02142  
(617) 577-8800

Massimo Grimaldi, President

Total Revenue, FYE 01/88: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 22

Services: ApplSW

Private

**Structural Measurement Systems, Inc.**

651 River Oaks Parkway  
San Jose, CA 95113  
(408) 263-2200

Mark Richardson, President

Services: Pfs ApplSW

Private

**Structured Computer Systems, Inc.**

17 Talcott Notch Road  
Farmington, CT 06032  
(203) 677-0222

Gerard D. O'Connell, V.P. Mktg.

Total Employees: 35

Services: Pfs ApplSW

Private

**Structured Methods, Inc.**

7 West 18th St.  
New York, NY 10011  
(212) 741-7720

Miguel Jimenez, President

Services: Pfs

Private

**STSC, Inc.**

2115 East Jefferson Street  
Rockville, MD 20852  
(301) 984-5488

William G. Gibson, President

Services: Proc ApplSW

Private

**Sublogic Corp.**

713 Edgebrook Drive  
Champaign, IL 61820  
(217) 359-8482

Stu Moment

IS Revenue (US only), FYE 09/87: \$ 5.5 m

Total Employees: 65

Services: ApplSW

Private

**Subscriber Computing, Inc.**

Please see Dyna, Inc.

**Summagraphics Corporation**

777 State Street Extension  
Farefield, CT 06480  
(203) 384-1344

Bill Lifka, President

Services: Tky

Private

**Summa Software Corporation**

P.O. Box 2046  
Beaverton, OR 97075  
(503) 644-3212

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Summit Information Systems Corporation**

850 S.W. 35th Street  
P.O. Box 3003  
Corvallis, OR 97339  
(503) 758-5888  
Herb Hughes, President  
IS Revenue (US only), FYE 12/87: \$ 9.3 m  
Total Employees: 110  
Services: Proc ApplSW Tky  
Private

**Sunbelt Computer Systems, Inc.**

5525 East 51st Street, Suite 111  
Tulsa, OK 74135  
(918) 660-0670  
Steve Meyer Sr., President  
Services: ApplSW  
Private

**SunData Corporation**

Name changed. Please see SunGard Data Systems, Inc.

**SunGard Data Systems, Inc.**

1285 Drummer Lane  
Wayne, PA 19087  
(215) 341-8700  
James L. Mann  
IS Revenue (US only), FYE 12/87: \$ 84.7 m  
Total Employees: 724  
Services: Pfs Proc ApplSW  
Public

**Subsidiaries/Divisions:**

**Uni-Coll Corporation (The)**

3401 Science Center  
Philadelphia, PA 19104  
(215) 387-3890

Tom Unger, President  
Total Employees: 75  
Services: Network ApplSW

**Wisner Associates, Inc.**

22134 Sherman Way  
Canoga Park, CA 91303  
(818) 884-5515  
David A. Wisner, President  
Total Revenue, FYE 12/88: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 65  
Services: Proc Network ApplSW

**Superex Business Software**

151 Ludlow Street  
Yonkers, NY 10705  
(800) 862-8800  
Private

**SuperSoft, Inc.**

510 West Park  
P.O. Box 1628  
Champaign, IL 61820  
(217) 359-2112  
Richard Balooza, President  
Services: ApplSW  
Private

**Supplementary D.P. Service, Inc.**

19 Westinghouse Plaza  
Bloomfield, NJ 07003  
(201) 743-3164  
Mr. Guido Tango, President  
IS Revenue (US only), FYE 01/87: \$ 0.8 m  
Total Employees: 12  
Services: Proc  
Private

**Supply Tech, Inc.**

27784 Franklin Road  
Southfield, MI 48034  
(313) 357-3430  
Ted Annis, CEO  
Total Revenue, FYE 12/87: \$ 2.1 m  
IS Revenue: \$ 2.1 m  
Total Employees: 20  
Services: ApplSW  
Private

**Survey Tabulation Services, Inc.**

1218 Massachusetts Ave.  
Cambridge, MA 02138  
(617) 547-6475  
John Harvey, President  
Services: Proc ApplSW  
Private

**Swanson Analysis Systems**

P.O. Box 65, Johnson Road  
Houston, PA 15342  
(412) 746-3304  
John A. Swanson, President  
IS Revenue (US only), FYE 12/87: \$ 15.5 m  
Total Employees: 100  
Services: ApplSW  
Private

**Swiss Reinsurance Company**

**Subsidiaries/Divisions:**

**CAPSCO PALLM Systems**

CPS Building  
4040 Vincennes Circle  
Indianapolis, IN 46268  
(317) 871-4700  
Chris McEvoy, President  
IS Revenue (US only), FYE 12/87: \$ 15.0 m  
Total Employees: 140  
Services: Pfs ApplSW

**CAMS 1988**  
**Directory of Information Services Companies**

**Sybase, Inc.**

2910 7th Street  
Berkeley, CA 94710  
(415) 548-4500

Mark Hoffmann, President  
IS Revenue (US only), FYE 12/87: \$ 6.0 m  
Total Employees: 200  
Services: SysSW  
Private

**Sybex, Inc.**

2344 Sixth Street  
Berkeley, CA 94710  
(415) 848-8233

Private

**Sycom**

P.O. Box 7947  
Madison, WI 53707  
(608) 271-1133

Richard Rehberg, General Manager  
Services: Proc  
Private

**Symantec Corporation**

10201 Torre Ave.  
Cupertino, CA 95014  
(408) 253-9600

Gordon Eubanks, President  
IS Revenue (US only), FYE 12/87: \$ 25.0 m  
Total Employees: 157  
Services: Network ApplSW SysSW  
Private

**Subsidiaries/Divisions:**

**Turner Hall Publishing**

10201 Torre Avenue  
Cupertino, CA 95014  
(408) 253-9607

Thomas Byers, General Manager  
Services: ApplSW  
Private

**Symbolics Financial Systems, Inc.**

Please see Lomas-Nettleton Financial Corporation

**Symbolics, Inc.**

11 Cambridge Center  
Cambridge, MA 02142  
(617) 577-7500

Russell Noftsker, President  
Total Employees: 700  
Services: Pfs Proc ApplSW Tky  
Public

**Symmetric Software**

2005 Balboa Blvd., Suite 256  
Newport Beach, CA  
(714) 632-0823

Private

**Symmitar Systems, Inc.**

9968 Hibert St., Suite 202  
San Diego, CA 92131  
(619) 271-0946

Manny Prupes, President  
Total Revenue, FYE 12/86: \$ 2.2 m  
IS Revenue: \$ 2.2 m  
Total Employees: 8  
Services: ApplSW Tky  
Private

**Synchronics**

6263 Poplar Avenue, Suite 300  
Memphis, TN 38119  
(901) 761-1166

Services: ApplSW  
Private

**Syncsort, Inc.**

50 Tice Blvd.  
Woodcliff Lake, NJ 07675  
(201) 930-9700

A. Tavitan, President  
IS Revenue (US only), FYE 12/87: \$ 11.5 m  
Total Employees: 200  
Services: SysSW  
Private

**Synercom Technology, Inc.**

2500 City West Blvd.  
Suite 1100  
Houston, TX 77042  
(713) 954-7000

Thomas E. Moore, President  
Total Revenue, FYE 10/86: \$ 17.3 m  
Total Employees: 162  
Services: ApplSW  
Public

**Synergistic Software and Systems, Inc.**

P.O. Box 5270  
Princeton, NJ 08540  
(609) 737-8351

Michael J. Hierl, President  
Total Employees: 10  
Private

**Synerlogic, Inc.**

1678 128th Street, #200  
Surrey, BC V4A3V3  
Canada  
(604) 538-3441

Services: Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Syntactics Corporation**

3333 Bowers Ave., Suite 145  
Santa Clara, CA 95054  
(408) 727-6400  
Erwin Morton, President  
Total Employees: 20  
Services: ApplSW  
Private

**Syntelligence, Inc.**

1000 Hamlin Court  
Sunnyvale, CA 94088  
(408) 745-6666  
Sheldon Breiner, President  
Total Revenue, FYE 12/86: \$ 3.0 m  
IS Revenue: \$ 3.0 m  
Total Employees: 100  
Services: Pfs  
Private

**Syntrex, Inc.**

246 Industrial Way, West  
P.O. Box 657  
Eaton Town, NJ 07724  
(201) 542-1500  
Carol Arco, President  
Private

**SYSCON Corporation**

Please see Harnischfeger Industries, Inc.

**SYS-ED**

35 West 35th St.  
New York, NY 10001  
(212) 564-9147  
Steve Scott, President  
IS Revenue (US only), FYE 12/87: \$ 5.3 m  
Total Employees: 30  
Services: Pfs  
Private

**Sysgen, Inc.**

Acquired. Please see Integral Systems, Inc.

**Sysorex International, Inc.**

335 E. Middlefield Road  
Mountain View, CA 94043  
(415) 967-2200  
Abdus Salam Qureishi, President  
IS Revenue (US only), FYE 09/87: \$ 25.0 m  
Total Employees: 100  
Services: SysInt  
Private

**Systar Corporation**

1762 Technology Dr., Suite 208  
San Jose, CA 95110  
(408) 923-3336  
David Retz, President  
Private

**System 5 Construction**

615 E. Michigan Street  
Milwaukee, WI 53202  
(414) 278-0500  
Karl W. Koenig  
Private

**Systematics, Inc.**

4001 Rodney Parham Road  
Little Rock, AR 72212  
(501) 223-5100  
Walter Smiley, Chairman  
IS Revenue (US only), FYE 05/87: \$ 163.3 m  
Total Employees: 2,800  
Services: Proc ApplSW Tky  
Public

**Systemation, Inc.**

23200 Chagrin Blvd.  
Cleveland, OH 44122  
(216) 464-8616  
William C. Stilson, President  
IS Revenue (US only), FYE 01/87: \$ 15.0 m  
Total Employees: 299  
Services: Pfs  
Private

**System Automation Corporation**

8555 16th St.  
Silver Springs, MD 20910  
(301) 565-9400  
Alfred Rubin, President  
Total Revenue, FYE 10/88: (Est) \$ 7.0 m  
IS Revenue: \$ 7.0 m  
Total Employees: 120  
Services: Pfs  
Private

**Systeme Corporation**

101 South Hall Lane  
Maitland, FL 32751  
(305) 875-1234  
Harold Covert, President  
IS Revenue (US only), FYE 12/87: \$ 16.5 m  
Total Employees: 130  
Services: Tky  
Private

**Systemedics**

1100 Princeton Park Corporate Center  
Monmouth Junction, NJ 08852  
(201) 297-7393  
IS Revenue (US only), FYE 12/87: \$ 6.7 m  
Total Employees: 150  
Services: Pfs Proc  
Private

**Systemhouse, Inc.**

Please see Systemhouse, Limited



**CAMS 1988**  
**Directory of Information Services Companies**

**Systemhouse, Limited**  
Private

**Subsidiaries/Divisions:**

**Systemhouse, Inc.**  
1655 North Fort Meyers Drive  
Arlington, VA 22209  
(703) 276-0500  
Peter Sardiford, President  
Services: Pfs Tky

**System Integrators, Inc.**  
4111 North Freeway Blvd.  
P.O. Box 13626  
Sacramento, CA 95853  
(916) 929-9481  
James P. Lennane, President  
IS Revenue (US only), FYE 09/87: \$ 32.0 m  
Total Employees: 526  
Services: Tky  
Public

**System Management Associates**  
3700 Computer Dr.  
Raleigh, NC 27619  
(919) 787-7703  
John Segner, President  
Services: ApplSW  
Private

**System One Corporation**  
Please see Texas Air Corporation

**Systems and Applied Sciences Corporation**  
(SASC)  
Please see Atlantic Research Corporation

**Systems and Software, Inc.**  
Griswold Industrial Park  
R.D. 2 Post Office Box 51A  
Williston, VT 05495  
(802) 863-5569  
William H. Willey, President  
Services: ApplSW  
Private

**Systems Application Engineering, Inc.**  
3955 Westcenter  
Houston, TX 77042  
(713) 783-6020  
Services: Pfs ApplSW Tky  
Private

**Systems Associates, Inc.**  
Acquired. Please see First Data Resources Inc.

**Systems Assurance Corporation**  
16 Lafayette St.  
P.O. Box 237  
Yarmouth, ME 04096  
(207) 846-3761  
Donald Chase, President  
Total Revenue, FYE 10/86: \$ 1.3 m  
IS Revenue: \$ 1.3 m  
Total Employees: 25  
Services: Pfs ApplSW Tky  
Public

**Systems by Mica, Inc.**  
Name changed. Please see Distribution Architects  
International, Inc.

**Systems Choice, Inc.**  
2269 W. Desert Cove  
Phoenix, AZ 85029  
(602) 246-1156  
Richard Johnsen, President  
IS Revenue (US only), FYE 09/87: \$ 3.2 m  
Total Employees: 70  
Services: Pfs Proc ApplSW  
Private

**Systems & Computer Technology Corp.**  
Great Valley Corporate Center  
Four Country View Road  
Malvern, PA 19355  
(215) 647-5930  
Michael J. Emmi  
IS Revenue (US only), FYE 01/87: \$ 36.0 m  
Total Employees: 759  
Services: Pfs ApplSW  
Public

**Systems Control, Inc.**  
Please see Scicon Corporation

**Systems Coordination, Inc.**  
255 North Vantage Point Drive  
P.O. Box 2600  
Crystal River, FL 32629  
(904) 795-6596  
Earl Porter, President  
Services: Pfs ApplSW  
Private

**Systems Design and Management Information**  
1900 W. 75th Street  
Prairie Village, KS 66208  
(913) 362-0388  
Davis Tyler, President  
Services: Pfs ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Systems Engineering Computer Co. (SEC)**

5400 Byrdhill Rd.  
Richmond, VA 23228  
(804) 262-4066

John Noll, President  
Services: Pfs Proc ApplSW Tky  
Private

**Systems Management, Inc.**

6300 North River Road  
Rosemont, IL 60018  
(312) 698-4000

George M. Ridgeway, President  
IS Revenue (US only), FYE 06/87: \$ 16.0 m  
Total Employees: 32  
Services: Pfs ApplSW  
Private

**Systems of The Future, Inc.**

35 Airport Rd.  
Morristown, NJ 07960  
(201) 267-4130

William John Glynn, President  
IS Revenue (US only), FYE 12/87: \$ 2.2 m  
Total Employees: 8  
Services: Pfs Tky  
Private

**System Software, Inc.**

16302 Sea Lark  
Houston, TX 77062  
(713) 480-8812

Bill J. Predmore, President  
Total Employees: 10  
Services: SysInt  
Private

**System Solutions, Inc.**

2650 Nicollet Ave.  
Minneapolis, MN 55408  
(612) 871-5713

Gerald Ganam, President  
IS Revenue (US only), FYE 03/87: \$ 0.5 m  
Total Employees: 4  
Services: ApplSW  
Private

**Systems Plus, Inc.**

500 Clyde Avenue  
Mountain View, CA 94043  
(415) 969-7047

Total Revenue, FYE 01/86: \$ 3.0 m  
IS Revenue: \$ 3.0 m  
Services: ApplSW  
Private

**Systems & Programming Resources, Inc.**

1100 Jorie Blvd.  
Oakbrook, IL 60521  
(312) 990-4288

Eugene Sigilvio, President  
IS Revenue (US only), FYE 10/87: \$ 14.0 m  
Total Employees: 200  
Services: Pfs SysSW  
Private

**Systems Research & Applications**

2425 Wilson Boulevard  
Arlington, VA 22201

Ernest Volgenau, President  
Private

**Systems & Software**

3303 Harbor Blvd., Suite C-11  
Costa Mesa, CA 92626  
(714) 241-8650

Paul Chien, President  
IS Revenue (US only), FYE 06/87: \$ 0.8 m  
Total Employees: 7  
Services: ApplSW  
Private

**Systems Software Associates, Inc.**

500 W. Madison  
32nd Floor  
Chicago, IL 60606  
(312) 641-2900

Roger Covey, President  
IS Revenue (US only), FYE 01/87: \$ 30.0 m  
Total Employees: 270  
Services: ApplSW  
Public

**Systems Strategies, Inc.**

Please see AGS Computers, Inc.

**System Vision Corporation**

P.O. Box 28116  
San Francisco, CA 94128  
(415) 355-7308

Virginia Tormey  
Total Employees: 5  
Private

**System Works Inc. (The)**

1640 Powers Ferry Road  
Building 11  
Marietta, GA 30067  
(404) 952-8444

Dave Welden, President  
Total Revenue, FYE 03/88: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 85  
Services: Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Systonetics, Inc.**

1561 E. Orangethorpe Avenue  
Fullerton, CA 92631  
(714) 680-0910

Allena Lu, President

IS Revenue (US only), FYE 03/87: \$ 9.0 m

Total Employees: 37

Services: ApplSW

Public

**Sytech Corporation**

3939 Ann Arbor Drive  
Houston, TX 77063  
(715) 783-9540

Clyde Lee, Chairman & CEO

IS Revenue (US only), FYE 12/87: \$ 0.6 m

Total Employees: 6

Services: Proc ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Tallgrass Technologies Corporation**

11100 W. 82nd Street  
Overland Park, KS  
(913) 492-6002  
Private

**Tandem Computers Incorporated**

19333 Vallico Parkway  
Cupertino, CA 95014  
(408) 725-6000  
James G. Treybig  
IS Revenue (US only), FYE 01/87: \$ 43.0 m  
Total Employees: 8,200  
Services: SysSW  
Public

**Tandy Corporation**

1800 One Tandy Center  
Fort Worth, TX 76102  
(817) 390-3700  
John Poach, President  
IS Revenue (US only), FYE 01/87: \$ 150.0 m  
Services: ApplSW SysSW  
Public

**Tangent International Corp.**

Subsidiaries/Divisions:

**Thoughtware Publishing Company**

P.O. Box 669  
Grants Pass, OR 97526  
(503) 476-1468  
William George, President  
Services: Pfs Proc ApplSW  
Private

**Target Systems Corporation**

33 Boston Post Road W.  
Marlboro, MA 01752  
(508) 460-9206  
Services: ApplSW  
Private

**Target Technologies**

16 Knight Street  
Norwalk, CT 06851  
(203) 866-6010  
Thomas G. Cain, President  
IS Revenue (US only), FYE 08/87: \$ 0.2 m  
Total Employees: 5  
Services: Pfs Proc Tky  
Private

**Tarkenton Software, Inc.**

Merged with KnowledgeWare, Inc.

**Tartan Laboratories, Inc.**

477 Melwood Avenue  
Pittsburgh, PA 15213  
(412) 621-2210  
William Wulf, Chairman  
Services: ApplSW  
Private

**Tasvir Corporation**

2490 Charleston Road  
Mountain View, CA 94043  
(415) 969-5602  
Services: ApplSW  
Private

**Tax Masters**

100 Beneficial Center  
Recceck, NJ 07977  
(201) 781-3352  
Private

**T & B Computing, Inc.**

Please see Townsend and Bottum, Inc.

**TBG, Inc.**

1211 Sixth Ave.  
New York, NY 10036  
(212) 556-8500  
Ray Looney, President  
Private

Subsidiaries/Divisions:

**BRS Information Technologies**

1200 Route 7  
Latham, NY 12110  
(518) 783-1161  
Martin Kahn, President  
IS Revenue (US only), FYE 11/87: \$ 16.0 m  
Total Employees: 205  
Services: Network SysSW

**CLSI, Inc.**

320 Nevada Street  
Newtonville, MA 02160  
(617) 965-6310  
Gene Robinson, President  
IS Revenue (US only), FYE 10/87: \$ 32.3 m  
Total Employees: 250  
Services: Tky

**Predicasts**

11001 Cedar Avenue  
Cleveland, OH 44106  
(800) 321-6388  
Dick Harris, President  
Services: Network

**CAMS 1988**  
**Directory of Information Services Companies**

**TCS Software, Inc.**

6100 Hillcroft  
Suite 600  
Houston, TX 77081  
(713) 771-6000

W. Kyle Willis, President  
Services: Pfs  
Private

**TDS Healthcare Systems Corp.**

5887 Glenridge Dr.  
Atlanta, GA 30328  
(404) 847-5000

John J. Whitehead, President  
IS Revenue (US only), FYE 12/87: \$ 53.0 m  
Total Employees: 550  
Services: Pfs Proc Network ApplSW Tky  
Private

**Teal Communications, Inc.**

Canada  
Private

Subsidiaries/Divisions:

**Teal Communications International, Inc.**

P.O. Box 8062  
Blaine, WA 98230  
Christopher Elmer, President  
Services: ApplSW

**Teal Communications International, Inc.**

Please see Teal Communications, Inc.

**TEC Computer Systems, Inc.**

Acquired. Please see ASA International, Ltd.

**Technalysis Corporation**

6700 France Avenue, South  
Minneapolis, MN 55435  
(612) 925-5900

Victor A. Rocchio, President  
Total Employees: 125  
Services: Pfs  
Public

**Technical Advantage Corporation**

1200 South Sherman, Suite 130  
Richardson, TX 75081  
(214) 644-2022

Tom DeHart, President  
Services: Pfs ApplSW SysInt  
Private

**Technical Data Business Research**

Name changed. Please see Technical Data International

**Technical Data International, Inc.**

Please see International Thompson

**Technical Evaluation and Management Systems, Inc.  
(TEAMS)**

5151 Beltline Road, Suite 1110  
Dallas, TX 75240  
(214) 386-5764

Dr. Floyd E. Leaders, Jr., President  
Services: Proc ApplSW  
Private

**Technical**

390 Bridge Parkway, Suite 101  
Redwood City, CA 94065  
(414) 595-3341

David Andrews, President  
Private

**Technical Systems Consultants, Inc.**

111 Providence Road  
Chapel Hill, NC 27514  
(919) 493-1451

David Shirk, President  
IS Revenue (US only), FYE 10/87: \$ 1.7 m  
Total Employees: 16  
Services: SysSW  
Private

**Technology Concepts, Inc.**

Please see Bell Atlantic Corporation

**Technology Consulting Corporation**

23 Ariel Way  
Avon, CT 06001-3701  
(203) 674-8621

Thomas R. Baley, President  
Private

**Teknekron Industries**

Subsidiaries/Divisions:

**CorSTAR, Inc.**

2121 Allston Way  
Berkeley, CA 94704  
(415) 548-4100

Peter Cokor, President  
Total Revenue, FYE 03/86: (Est) \$ 2.0 m  
IS Revenue: \$ 2.0 m  
Total Employees: 20  
Services: Pfs

**Integrated Automation, Inc.**

1301 Harbor Bay Parkway  
P.O. Box 4004  
Alameda, CA 94501  
(415) 769-5400

David L. Fain, President  
Total Revenue, FYE 12/88: \$ 33.0 m  
IS Revenue: \$ 33.0 m  
Total Employees: 250  
Services: Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Software Alliance Corporation**

2100 Milvia St.  
Berkeley, CA 94704  
(415) 548-7752

Jon T. Blankmeter, President  
IS Revenue (US only), FYE 12/87: \$ 17.0 m  
Total Employees: 100  
Services: Pfs ApplSW SysInt  
Private

**Teknowledge, Inc.**

1850 Embarcadero Road  
P.O. Box 10119  
Palo Alto, CA 94303  
(415) 424-0500

Peter E. Weber  
IS Revenue (US only), FYE 06/87: \$ 20.0 m  
Total Employees: 150  
Services: Pfs ApplSW  
Public

**Teldata Systems Corporation**

90 Broad Street  
New York, NY 10004  
(212) 926-5555

William M. Sheeser, President  
Private

**Telecom Consultants Groups, Inc.**

120 S. Riverside Plaza, 2260  
Chicago, IL 60606  
(312) 454-9396

William Mashek, President  
Services: Pfs  
Private

**Telecommunication Industries, Inc.**

1951 Kidwell Drive  
Vienna, VA 22180  
(703) 790-0410

**Subsidiaries/Divisions:**

**TII Translation Services**

9990 Lee Highway, #510  
Vienna, VA 22030  
(703) 359-6270

Michael Mitchell, CEO  
Total Revenue, FYE 06/88: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 20  
Services: Proc

**Telecredit, Inc.**

1901 Avenue of the Stars  
Los Angeles, CA 90067  
(213) 277-4061

Lee A. Ault III, President  
IS Revenue (US only), FYE 04/87: \$ 139.7 m  
Services: Proc  
Public

**Teleflex**

155 South Limerick Road  
Limerick, PA 19468  
Private

**Telerate, Inc.**

One World Trade Center  
New York, NY 10048  
(212) 938-5200

Neil S. Hirsch, President  
IS Revenue (US only), FYE 12/87: \$ 189.0 m  
Total Employees: 1,550  
Services: Network SysSW  
Public

**TeleSciences CO Systems, Inc.**

351 New Albany Road  
Moorestown, NJ 08057  
(609) 866-1000

Howard Oringer, President  
IS Revenue (US only), FYE 06/87: \$ 16.1 m  
Total Employees: 170  
Services: Tky  
Private

**Telesis Systems Corporation**

2 Omni Way  
Chelmsford, MA 01824  
(617) 256-2300

Patrick de Cavaignac, President  
Services: Tky  
Public

**Telesoft**

10634 Roselle Street  
San Diego, CA 92121  
(619) 457-2700

Amnon Ben-Ychuda, President  
Services: Pfs  
Private

**Tele-Sun**

34 Rockridge Road  
Englewood, OH 45322  
(513) 836-2980

Ray Fischer, Vice President  
Services: ApplSW Tky  
Private

**Telesun Corporation**

404 E. 4500 S., Suite B12  
Salt Lake City, UT 84107  
(801) 261-4936

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Tele-Tech Services**

P.O. Box 757  
McAfee, NJ 07428  
(201) 827-4421

Stephen C. Kromer, President  
IS Revenue (US only), FYE 06/87: \$ 1.0 m  
Total Employees: 12  
Services: Proc  
Private

**Telereare**

P.O. Box 729  
Pinebrook, NY 07058  
(201) 882-0466

Private

**Telmar Group**

902 Broadway  
New York, NY 10010  
(212) 460-9000

Services: Proc Tky  
Private

**Telos Corporation**

3420 Ocean Park Boulevard  
Santa Monica, CA 90405  
(213) 450-2424

Howard Metcalfe, President  
IS Revenue (US only), FYE 12/87: \$ 75.0 m  
Total Employees: 1,616  
Services: Pfs SysInt  
Public

**Template Graphics Software**

Please see United Telecommunications, Inc.

**Template Systems, Inc.**

Name changed. Please see First Desk Systems

**Temple, Barker and Sloane**

Please see Marsh and McClennon

**TENERA, L.P.**

1995 University Avenue  
Berkeley, CA 94704  
(415) 845-5200

Donald Davis, President  
Total Revenue, FYE 12/87: \$ 35.2 m  
IS Revenue: \$ 4.8 m  
Total Employees: 155  
Services: Pfs  
Public

**Teneron Corporation**

6700 S.W. 105th, Suite 200  
Beaverton, OR 97005  
(503) 646-1599

Joseph P. Hawranek, President  
Services: ApplSW  
Private

**Tenman Systems, Inc.**

1855 Mt. Prospect Road  
Des Plaines, IL 60018  
(312) 699-7500

Frank Vogel, President  
Private

**Teradata Corporation**

12945 Jefferson Blvd.  
Los Angeles, CA 90066  
(213) 827-8777

Kenneth W. Simmonds, President  
IS Revenue (US only), FYE 06/87: \$ 59.3 m  
Services: Tky  
Public

**Terrano Corporation**

245 S. 84th St.  
Lincoln, NE 68510  
(402) 483-7831

James A. Terrano, President  
IS Revenue (US only), FYE 12/87: \$ 3.0 m  
Total Employees: 30  
Services: Tky  
Public

**Tesseract Corporation**

Please see Prudential Insurance Company (The)

**Texas Air Corporation**

333 Clay Street, Suite 4040  
Houston, TX 77002  
(713) 658-9588

Francisco A. Lorenzo, CEO  
Public

Subsidiaries/Divisions:

**System One Corporation**

2929 Allen Parkway  
Houston, TX 77019  
(713) 630-5000

Richard E. Murray, President  
Services: Proc

**Texas Direct, Inc.**

5100 Rondo Drive  
Fort Worth, TX 76106  
(817) 625-4221

John W. Windle, President  
Services: Proc  
Private

**Texas Instruments Incorporated**

P.O. Box 655474  
Dallas, TX 75265  
(214) 995-2011

Jerry R. Junkins, President  
IS Revenue (US only), FYE 12/87: \$ 111.0 m  
Services: Pfs Proc ApplSW SysSW  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Subsidiaries/Divisions:**

**Geophysical Services Inc.**

7800 Banner Drive  
Dallas, TX 75251  
(214) 995-7654

Dolan K. McDaniel, President  
Services: Proc

**Theos Software Corporation**

1777 Botelho Drive  
Suite 360  
Walnut Creek, CA 94596  
(415) 935-1118

Timothy Williams

Total Revenue, FYE 06/88: (Est) \$ 7.5 m

IS Revenue: \$ 7.5 m

Total Employees: 150

Services: SysSW

Private

**Thermeon Corporation**

131 N. Tustin Avenue, #108  
Tustin, CA 92680  
(714) 835-9191

Rollo S. Pickford, President

Total Revenue, FYE 09/86: \$ 0.6 m

IS Revenue: \$ 0.6 m

Total Employees: 10

Services: Tky

Private

**Think Technologies, Inc.**

420 Bedford Street  
Lexington, MA 02173  
(617) 863-5590

Services: Pfs

Private

**Thomas Beck, Inc.**

P.O. Box 786  
Sausalito, CA 94966  
(415) 331-1555

Services: Pfs

Private

**Thomas-Laguban & Associates**

250 N. Patrick Blvd.  
Brookfield, WI 53005  
(414) 792-0300

Gene Thomas, Chairman

IS Revenue (US only), FYE 12/87: \$ 7.5 m

Total Employees: 88

Services: Pfs ApplSW SysSW Tky

Private

**Thomas L. Jacobs & Associates**

230 W. Monroe Street Suite 545  
Chicago, IL 60606  
(312) 346-0155

Richard A. Lewis, President  
Services: ApplSW  
Private

**Thomson-CSF S.A.**

**Subsidiaries/Divisions:**

**MUST Software International**

101 Merritt 7  
4th Floor  
Norwalk, CT 06856  
(203) 845-5000

Jean-Luc Badault

Total Employees: 206

Services: Pfs SysSW

**Thorn EMI Computer Software**

Please see Thorn EMI, PLC.

**Thorn EMI, PLC.**

**Subsidiaries/Divisions:**

**Thorn EMI Computer Software**

285 Mill Road  
Chelmsford, MA 01824  
(617) 256-3900

James L. Dorsey, President

IS Revenue (US only), FYE 03/87: \$ 8.7 m

Total Employees: 80

Services: Pfs ApplSW

**Thoroughbred Software**

Please see Concept Omega Corporation

**Thoughtware, Inc.**

2699 South Bayshore  
Suite 1000A  
Coconut Grove, FL 33133  
(800) 848-9273

Jack Levine, President

Services: ApplSW

Private

**Thoughtware Publishing Company**

Please see Tangent International Corp.

**Three Brothers**

650 Second Street  
San Francisco, CA 94105  
(415) 397-2400

Private



**CAMS 1988**  
**Directory of Information Services Companies**

**Three D Graphics**

860 Via de la Paz  
Pacific Palisades, CA  
(213) 459-7949  
E. Easton, President  
Services: ApplSW  
Private

**Tigera Group, Inc.**

Subsidiaries/Divisions:

**Tigera Software**

300 Harbor Blvd.  
Belmont, CA 94002  
(415) 594-9981  
Total Employees: 25  
Services: ApplSW

**Tigera Software**

Please see Tigera Group, Inc.

**Tigon Corporation (The)**

17085 Knoll Trail Drive  
Dallas, TX 75248  
(214) 733-2700  
John Beletic  
Total Revenue, FYE 03/88: (Est) \$ 12.5 m  
IS Revenue: \$ 12.5 m  
Total Employees: 125  
Services: Network  
Private

**THI Translation Services**

Please see Telecommunication Industries, Inc.

**Timberline Software Corporation**

9405 S.W. Gemini  
Beaverton, OR 97005  
(503) 644-8155  
John A. Gornon, President  
IS Revenue (US only), FYE 07/87: \$ 7.8 m  
Total Employees: 115  
Services: ApplSW  
Public

**Time Information Systems**

1331 South State St.  
Provo, UT 85601  
(801) 377-9156  
Burt Pugh, President  
IS Revenue (US only), FYE 12/87: \$ 0.8 m  
Total Employees: 14  
Services: SysSW  
Private

**Timeline, Inc.**

3055 112th Avenue NE  
Suite 106  
Bellevue, WA 98004  
(206) 822-3140  
Charlie Osenbaugh  
Total Revenue, FYE 09/88: (Est) \$ 3.0 m  
IS Revenue: \$ 3.0 m  
Total Employees: 45  
Services: Pfs ApplSW  
Private

**Time Management Corporation**

7500 Olson Memorial Highway  
Minneapolis, MN 55427  
(612) 542-8333  
Peter Bailey, President  
IS Revenue (US only), FYE 12/87: \$ 0.9 m  
Total Employees: 45  
Services: Tky  
Public

**Titan Corporation (The)**

16000 Ventura Blvd.  
Encino, CA 91436  
(818) 995-1755  
Private

Subsidiaries/Divisions:

**Titan Systems, Inc.**

9191 Towne Centre Drive  
La Jolla Gateway, Suite 600  
San Diego, CA 92122  
(619) 453-9500  
Albert E. Knauf, Jr., President  
Services: Pfs

**Titan Systems, Inc.**

Please see Titan Corporation (The)

**T K Data Solutions**

P.O. Box 392  
Plantsville, CT 06479  
(203) 621-5044  
Thomas J. Kerekes  
Services: Pfs SysSW SysInt  
Private

**TLS Company**

425 Second Avenue S.E.  
P.O. Box 1686  
Cedar Rapids, IA 52406  
(319) 365-5211  
Von L. Elbert, President  
IS Revenue (US only), FYE 08/87: \$ 25.0 m  
Total Employees: 140  
Services: Proc ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**T/Maker Company**

1390 Villa Street  
Mountain View, CA 94041  
(415) 962-0195

J. A. Heidi Roizen

Services: ApplSW

Private

**TMS, Inc.**

110 W. 3rd St.  
P.O. Box 1358  
Stillwater, OK 74076  
(405) 377-0880

Jack McKellip

Total Revenue, FYE 08/88: (Est) \$ 3.0 m

IS Revenue: \$ 3.0 m

Total Employees: 40

Services: SysSW

Public

**Tominy, Inc.**

Please see MB Computing

**TOM Software, Inc.**

127 S.W. 156th Street  
P.O. Box 66595  
Seattle, WA 98166  
(206) 246-7022

Howard Bing, President

Services: ApplSW

Private

Subsidiaries/Divisions:

**Piedmont Systems Inc.**

1116 S. Marshall St.  
Winston-Salem, NC 27101  
(919) 722-2168

**Tone Software Corporation**

1735 South Brookhurst Street  
Anaheim, CA 92804  
(714) 991-9460

Jerry Slater, President

Private

**Top Down Systems**

Please see Office Express, Inc.

**Total System Services, Inc.**

P.O. Box 120  
Columbus, GA 31902  
(404) 649-2387

Richard W. Ussery, President

Total Revenue, FYE 12/86: \$ 36.4 m

IS Revenue: \$ 36.4 m

Total Employees: 425

Services: Proc

Public

**Touche Ross & Company**

1633 Broadway  
New York, NY 10019  
(212) 489-1600

Ed Kangas, President

IS Revenue (US only), FYE 08/87: \$ 70.0 m

Total Employees: 8,000

Services: Pfs Tky

Private

**Touchette Corporation**

5701 Enterprise Parkway  
Enterprise, NY 13057  
(315) 445-0291

John Touchette, President

IS Revenue (US only), FYE 06/87: \$ 4.0 m

Total Employees: 60

Services: Proc Tky

Private

**Tower Systems International**

2220 Fairview Road  
Costa Mesa, CA 92627  
(714) 650-4900

J. Gregory Siemon, President

IS Revenue (US only), FYE 12/87: \$ 4.5 m

Total Employees: 48

Services: SysSW

Private

**Townsend and Bottom, Inc.**

2245 State Street  
Ann Arbor, MI 48106  
(313) 761-3440

Private

Subsidiaries/Divisions:

**T & B Computing, Inc.**

1100 Eisenhower Place  
Ann Arbor, MI 48108  
(313) 973-1900

Timothy J. Monteith, President

IS Revenue (US only), FYE 01/87: \$ 9.1 m

Total Employees: 65

Services: Pfs ApplSW Tky

**Training Company (The)**

Please see Dublin Group (The)

**Trajectory Software**

555 Goffie Road  
Ridgewood, NJ 07450  
(201) 447-5520

Bill Holmberg

Total Revenue, FYE 12/87: (Est) \$ 0.5 m

IS Revenue: \$ 0.1 m

Total Employees: 10

Services: ApplSW

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Transend Corporation**

884 Portola Road  
Portola Valley, CA 94025  
(415) 851-2402  
Fred Krefetz, President  
Total Employees: 25  
Private

**Transform Logic Corporation**

8502 East Via de Ventura  
Scottsdale, AZ 85258-3220  
(602) 948-2600  
Ron Davis  
Total Revenue, FYE 10/88: (Est) \$ 7.5 m  
IS Revenue: \$ 7.5 m  
Total Employees: 101  
Services: Pfs SysSW  
Public

**Transition Systems, Inc.**

35 Kneeland Street  
Boston, MA 02111  
(617) 956-1005  
Peter Van Etten, President  
Services: Pfs ApplSW  
Private

**Transkrit Corporation**

Transkrit Lane  
Brewster, NY 10509  
(914) 278-7000  
Randy Simmons, President  
IS Revenue (US only), FYE 12/87: \$ 10.2 m  
Total Employees: 1,000  
Services: ApplSW  
Public

**Trans Net Corp.**

1945 Route 22  
Union, NJ  
(201) 688-7800  
Steven Wilk  
IS Revenue (US only), FYE 05/87: \$ 5.0 m  
Services: ApplSW  
Public

**Transportation Management Techniques Inc.**

1391 Old Mill Circle  
Winston-Salem, NC 27103  
(919) 765-1498  
J.C. Paterson, CEO  
Total Revenue, FYE 12/87: (Est) \$ 2.5 m  
Total Employees: 14  
Services: Pfs Network ApplSW SysSW Tky  
Private

**Trans Technology, Inc.**

Private  
Subsidiaries/Divisions:

**Lundy Electronic & Systems, Inc.**

P.O. Box 8668  
Charlotte, NC 28208  
(516) 671-9000  
William N. Stout, President  
Total Revenue, FYE 06/86: \$ 42.7 m  
IS Revenue: \$ 8.5 m  
Total Employees: 700  
Services: Tky  
Public

**Sidereal Corporation**

9600 S.W. Barnes Road  
Portland, OR 97225  
(503) 297-5531  
Ole Kilgore, President  
Services: ApplSW

**Trans Tech Services, Inc.**

2000 Powell St.  
Suite 600  
Emeryville, CA 94608  
(415) 652-3322  
Don Gallagher  
IS Revenue (US only), FYE 12/87: \$ 4.9 m  
Total Employees: 50  
Services: ApplSW Tky  
Private

**Trans Union Credit Information Co.**

111 West Jackson  
Chicago, IL 60604  
(312) 645-6000  
Alan Slitzcraft, President  
Total Employees: 1,900  
Services: Network  
Private

**Transworld Systems, Inc.**

5880 Commerce Blvd.  
Robert Park, CA 94928  
(707) 584-4225  
Services: Proc  
Private

**Travelers Corporation (The)**

Public  
Subsidiaries/Divisions:

**Execucum Systems Corporation**

9442 N. Capitol of Texas Highway  
Arboretum Plaza One  
Austin, TX 78759  
(512) 346-4980  
Gary Anderson, President  
IS Revenue (US only), FYE 12/87: \$ 19.0 m  
Total Employees: 170  
Services: Pfs ApplSW

**CAMS 1988**  
**Directory of Information Services Companies**

**Travtech**

One Tower Square- 3MN  
Hartford, CT 06183  
(203) 277-9595  
Arthur L. Quik  
Total Revenue, FYE 12/88: (Est) \$ 2.0 m  
IS Revenue: \$ 2.0 m  
Total Employees: 15  
Services: ApplSW  
Private

**Travtech**

Please see Travelers Corporation (The)

**Trax Softworks Incorporated**

10801 National Blvd.  
Los Angeles, CA 90064-4126  
(213) 475-8729  
Tom Cox, CEO  
IS Revenue (US only), FYE 01/87: \$ 1.8 m  
Total Employees: 24  
Services: ApplSW  
Private

**Treasury Strategies, Inc.**

180 N. LaSalle St., Suite 1820  
Chicago, IL 60601  
(312) 443-0840  
Cathy Rollins, President  
IS Revenue (US only), FYE 12/87: \$ 1.6 m  
Total Employees: 11  
Services: Pfs  
Private

**TRG**

250 Hammond Drive, Bldg 4  
Suite 100  
Atlanta, GA 30328  
(404) 257-9000  
Private

**TRIADIGM International**

345 California Street  
Suite 1220  
San Francisco, CA 94104  
(415) 984-5777  
Private

**Triad Systems Corporation**

3055 Triad Dr.  
Livermore, CA 94550  
(415) 449-0606  
James R. Porter, President  
IS Revenue (US only), FYE 09/87: \$ 82.8 m  
Total Employees: 1,365  
Services: Pfs Network Tky  
Public

**Triangle Computer Services**

200 W. Mercer Avenue, Suite 300  
Seattle, WA 98119  
(206) 282-8466  
Ben Schrenzel, President  
Total Revenue, FYE 05/86: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 7  
Services: Pfs ApplSW  
Private

**TRICAD, Inc.**

Merged with Auto-Trol Technology Corp.

**Trilog, Inc.**

Please see Cigna Corporation

**Trinet**

9 Campus Drive  
Parsippany, NJ 07054  
(201) 267-3600  
Charles Striker  
Total Employees: 75  
Services: Pfs Network  
Private

**Tri Star Publishing**

Please see Reed International PLC

**TRI-SYS Computer Corp.**

207 East Buffalo Street  
Suite 600  
Milwaukee, WI 53202  
(414) 291-7979  
Don Nelson, President  
IS Revenue (US only), FYE 12/87: \$ 0.2 m  
Total Employees: 7  
Services: Pfs Network ApplSW SysSW Tky  
Private

**TRT Communications, Inc.**

1331 Pennsylvania Avenue  
NW, 11th Floor  
Washington, DC 20004  
(202) 879-2200  
David H. Lubetzky, President  
Total Revenue, FYE 12/87: (Est) \$ 140.2 m  
IS Revenue: \$ 140.2 m  
Services: Network  
Public

**TRT Telecommunication Corporation**

1875 South Grant  
Suite 750  
San Mateo, CA 94402  
(415) 349-4600  
Services: Network SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Tru-Check Computer Systems**

6 Nursery Lane  
Rey, NY 10580  
(914) 967-9300

Roger Kaufman, President  
IS Revenue (US only), FYE 12/87: \$ 4.5 m  
Total Employees: 65  
Services: Proc  
Private

**True Basic, Incorporated**

39 South Main Street  
Hanover, NH 03755  
(603) 643-3882

Leo L. Kornfeld, President  
Services: ApplSW  
Private

**Trutec Software**

1700 Solano Avenue  
Berkeley, CA 94709  
(415) 525-4901

Private

**TRW, Inc.**

1900 Richmond Lane  
Cleveland, OH 44124  
(216) 291-7000

Ruben F. Mettler, President  
IS Revenue (US only), FYE 12/87: \$ 651.0 m  
Services: Pfs Network SysInt  
Public

Subsidiaries/Divisions:

**TRW Information Services**

505 City Parkway West  
Orange, CA 92668  
(714) 385-7000

Edward F. Freeman, Vice President  
Total Revenue, FYE 12/87: \$ 141.0 m  
IS Revenue: \$ 141.0 m  
Total Employees: 1,800  
Services: Network

**TRW System Development**

1 Spare Park  
Redondo Beach, CA 90278  
(213) 535-4321

Philip N. Papaccio, Vice President  
Total Revenue, FYE 12/86: (Est) \$ 192.0 m  
IS Revenue: \$ 165.1 m  
Total Employees: 2,400  
Services: Pfs

**TRW Information Services**

Please see TRW, Inc.

**TRW System Development**

Please see TRW, Inc.

**TSR, Inc.**

400 Oser Avenue  
Hauppauge, NY 11788  
(516) 231-0333

Joseph F. Hughes, President  
IS Revenue (US only), FYE 05/87: \$ 10.3 m  
Total Employees: 200  
Services: Pfs Proc Network ApplSW  
Public

**Turner Hall Publishing**

Please see Symantec Corporation

**Turnkey Information Processing Inc.**

500 Fifth Avenue  
New York, NY 10110  
(212) 944-1060

Vincent J. Deschamps, President  
Private

**Twin Oaks**

P.O. Box 136  
Cottage Grove, MN 55016  
(612) 458-1604

Jon Dokken, President  
Private

**TW Technologies, Inc.**

21636 N. 14th Avenue  
Phoenix, AZ 85027  
(602) 581-0609

Robert E. Thompson, President  
IS Revenue (US only), FYE 09/87: \$ 1.1 m  
Total Employees: 18  
Services: SysInt  
Private

**TYMAC**

129 Main Street  
Franklin, NJ 07416  
(201) 827-4050

Services: Proc  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Ultimate Corp. (The)**  
717 Ridgedale Ave.  
East Hanover, NJ 07936  
(201) 887-9222

Jim Pyden  
IS Revenue (US only), FYE 04/87: \$ 118.9 m  
Total Employees: 700  
Services: Tky  
Public

**Unco Data Systems, Inc.**  
P.O. Box 9427  
Minneapolis, MN 55436  
(612) 935-4466

John Packard, President  
Services: Pfs Proc ApplSW SysSW  
Private

**Ungermann-Bass, Inc.**  
Acquired. Please see Tandem Computers, Inc.

**Uni-Coll Corporation (The)**  
Please see SunGard Data Systems, Inc.

**Unicorn Systems Company**  
3807 Wilshire Blvd.  
Los Angeles, CA 90010  
(213) 380-6974

Mike Scroggie, President  
Total Revenue, FYE 12/87: (Est) \$ 4.0 m  
IS Revenue: \$ 4.0 m  
Total Employees: 40  
Services: Pfs SysSW  
Private

**Uniflex Database Systems, Inc.**  
P.O. Box 112730  
Carrollton, TX 75011  
(214) 991-7598

Chris Morgan  
Total Revenue, FYE 12/88: \$ 0.3 m  
IS Revenue: \$ 0.3 m  
Total Employees: 3  
Services: Proc ApplSW Tky  
Private

**UNIFORCE**  
P.O. Box 1299  
Princeton, NJ 08540  
(609) 466-1666

Allan J. Yeast, President  
Total Revenue, FYE 12/86: (Est) \$ 1.0 m  
IS Revenue: \$ 1.0 m  
Total Employees: 12  
Services: Pfs ApplSW Tky  
Private

**Uniforce Corporation**  
P.O. Box 1299  
Princeton, NJ 08542  
(609) 466-1666

Allan Yeast  
Services: Pfs Tky  
Private

**Unify Corporation**  
3870 Rosin Court  
Sacramento, CA 95834  
(916) 920-9092

David Saykally, President  
IS Revenue (US only), FYE 12/87: \$ 15.8 m  
Total Employees: 150  
Services: SysSW  
Private

**Unilogic Ltd.**  
Suite 240 Commerce Court  
4 Station Square  
Pittsburgh, PA 15219-1119  
(412) 281-5959  
Services: ApplSW  
Private

**UNIPAC Group (The)**  
Private

Subsidiaries/Divisions:

**UNIPAC Service Corporation**  
3015 S. Parker Road  
Suite 400  
Aurora, CO 80014  
(303) 696-9600  
John Kern, President  
Services: Proc

**UNIPAC Service Corporation**  
Please see UNIPAC Group (The)

**Uniplex Integration Systems, Inc.**  
150 W. Carpenter Fwy  
Irving, TX 75039  
(214) 717-0068  
Jeff Waxman, President  
Total Revenue, FYE 03/88: (Est) \$ 10.0 m  
IS Revenue: \$ 10.0 m  
Total Employees: 150  
Services: ApplSW  
Private

**Unipress Software, Inc.**  
2025 Lincoln Highway  
Edison, NJ 08817  
(201) 287-2100  
Services: ApplSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Uniq Digital Technologies**

28 South Water Street  
Batavia, IL 60510  
(312) 879-1008

Charles E. Richter, Jr., President and CEO  
Total Revenue, FYE 12/87: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 40  
Services: Pfs ApplSW SysSW  
Private

**Unisoft Systems**

739 Allston  
Berkeley, CA 94710  
(415) 644-1230

Robert Ackerman, President  
Public

**Unisys Corporation**

P.O. Box 500  
Blue Bell, PA 19424-0024  
(215) 542-4011

IS Revenue (US only), FYE 12/87: \$ 1,035.0 m  
Services: Pfs ApplSW SysSW SysInt Tky  
Public

**Unitax, Inc.**

Acquired. Please see Interactive Financial Services, Inc.

**United Computing Systems Inc.**

10564 Progress Way  
Cypress, CA 90630  
(714) 220-2931

Private

**United Data Services, Inc.**

Please see United Telephone System

**United Education & Software Data Systems**

3600 S. Minnesota Avenue 401  
Sioux Falls, SD 57105  
(605) 339-3788

Aaron Cohen, President  
Total Revenue, FYE 01/88: (Est) \$ 100.0 m  
IS Revenue: \$ 100.0 m  
Total Employees: 1,200  
Services: Proc ApplSW SysSW  
Public

**United Mailing, Inc.**

1001 Park Road  
Chanhassen, MN 55317  
(612) 474-4182

Leo Reichert, President  
Services: Proc  
Private

**United Software Industries, Inc.**

1880 Century Park East  
Century Park, CA 90067  
(213) 556-2211

Franklin P. Swain, President  
Private

**United Software Security, Inc.**

8133 Lessbury Pike  
Suite 800  
Vienna, VA 22180  
(703) 556-0007

Stephen M. Hicks  
Total Revenue, FYE 12/87: \$ 2.5 m  
Total Employees: 14  
Services: ApplSW  
Public

**United States Computers Inc.**

8815 S. Tacoma Way  
Tacoma, WA 98499  
(206) 584-7211

Robert Gerth, President  
IS Revenue (US only), FYE 01/87: \$ 0.4 m  
Total Employees: 5  
Services: Proc  
Private

**United Telecommunications, Inc.**

P.O. Box 11315  
Kansas City, MO 64112  
(913) 676-3014

William Esrey, President  
IS Revenue (US only), FYE 12/87: \$ 14.3 m  
Total Employees: 2,100  
Services: ApplSW  
Public

**Subsidiaries/Divisions:**

**Information Systems of America, Inc.**

500 Northridge Road  
Atlanta, GA 30338  
(404) 587-6800

Don Graham, President  
Services: Pfs ApplSW

**Template Graphics Software**

9685 Scranton Road  
San Diego, CA 92121  
(619) 457-5359

Robert Bruns  
Total Revenue, FYE 12/88: (Est) \$ 4.0 m  
IS Revenue: \$ 4.0 m  
Total Employees: 40  
Services: ApplSW  
Public

**CAMS 1988**  
**Directory of Information Services Companies**

**United Telephone System**  
Public

Subsidiaries/Divisions:

**United Data Services, Inc.**  
P.O. Box 7927  
Overland Park, KS  
(913) 345-6246  
Roderick Mark, President  
Services: Proc

**Unity Corporation**  
4000 Kruse Way Plaza  
Lake Oswego, OR 97035  
(503) 635-6265  
Nicholas Nierenberg, President  
Services: Pfs ApplSW  
Private

**Univair, Inc.**  
9024 St. Charles Rock Road  
St. Louis, MO 63114  
(314) 426-1099  
Scott Nielsen, President  
Services: ApplSW  
Private

**Universal Custom Products**  
801 Avenue B  
San Antonio, TX 78215  
(512) 225-6551  
Private

**Universal Information Systems, Inc.**  
S. 10 Route 17, at Route 4  
Paramus, NJ  
Theodore Kissell, President  
Services: Proc  
Private

**Universal Software Associates, Inc.**  
P.O. Box 1484  
Searcy, AK 72143  
(501) 268-3048  
Private

**University Analytics**  
1920 Front St., Suite 710  
Durham, NC 27705  
(919) 383-5585  
Steven Maier, President  
Private

**University Software Systems**  
Please see Agabian Associates

**Urban Data Processing, Inc.**  
Please see Harte-Hanks Communications, Inc.

**Urban Decision Systems, Inc.**  
2040 Armacast Avenue  
P.O. Box 25953  
Los Angeles, CA 90025  
(213) 820-8931  
Vladimir V. Almendingert, President  
IS Revenue (US only), FYE 04/87: \$ 4.8 m  
Total Employees: 41  
Services: ApplSW SysSW  
Private

**U.S. Administrators**  
Please see Crownx, Inc. CANADA

**U. S. Data Corporation**  
1551 Glenville Drive  
Richardson, TX 75085  
(214) 680-9700

Bob Midyett, President  
Total Employees: 100  
Services: ApplSW SysSW  
Private

**Users Incorporated**  
1250 Drummers Lane  
Valley Forge, PA 19482  
(215) 687-9400  
John N. Reardon, President  
IS Revenue (US only), FYE 09/87: \$ 38.8 m  
Total Employees: 300  
Services: Pfs Proc ApplSW Tky  
Private

**User Technology Services, Inc.**  
2 Strawton Road  
West Nyack, NY 10994  
(914) 353-3133  
Thomas A. Brewer, President  
Services: Pfs  
Private

**Userware International**  
Please see Pioneer Computer Group

**U.S. Intelco Network, Inc.**  
99 South Sound Center  
Lacey, WA 98503  
(206) 456-3535  
Ken F. Parsons, President  
IS Revenue (US only), FYE 06/87: \$ 4.8 m  
Total Employees: 100  
Services: Pfs Proc Network ApplSW  
Private

**U S West, Inc.**  
7800 East Orchard Road  
Englewood, CO 80111  
(303) 793-6500  
Public

Subsidiaries/Divisions:



**CAMS 1988**  
**Directory of Information Services Companies**

**Applied Communications, Inc.**

330 South 108th Avenue  
Omaha, NE 68154  
(402) 390-7600

Neal Hansen

Services: ApplSW

**U S West Information Systems, Inc.**

6200 South Quebec  
Englewood, CO 80111  
(303) 889-6200

**U S West Information Systems, Inc.**

Please see U S West, Inc.

**Utility & Municipal Services, Inc.**

Please see Philadelphia Suburban Corp.

**CAMS 1988**  
**Directory of Information Services Companies**

**Valid Logic Systems, Inc.**

2820 Orchard Pkwy.  
San Jose, CA 95134  
(408) 432-9400

W. Douglas Hajjar  
IS Revenue (US only), FYE 12/87: \$ 34.0 m  
Total Employees: 600  
Services: Tky  
Private

**Valisys Corporation**

Please see FMC Corporation

**Value Line Incorporated**

711 Third Avenue  
New York, NY 10017  
(212) 687-3965

Mrs. Jean Buttner, President  
Total Revenue, FYE 04/86: \$ 56.8 m  
Total Employees: 317  
Services: Pfs ApplSW  
Public

Subsidiaries/Divisions:

**Compupower Corp.**

1 Harmon Plaza  
Seacaucus, NJ 07094  
(201) 866-8600  
Herbert Messing, President  
Services: Pfs Proc

**VanAmburg and Associates, Inc.**

4201 Tudor Center Dr., Suite 120  
Anchorage, AK 99508  
(907) 562-2203

David VanAmburg, President  
Services: Pfs ApplSW  
Private

**Vanarsdale Associates, Inc.**

P.O. Box 12841  
Raleigh, NC 27606  
(919) 851-6917

Stephen V. Noe, President  
IS Revenue (US only), FYE 10/87: \$ 2.3 m  
Total Employees: 15  
Services: Pfs ApplSW SysSW  
Private

**Vanguard Technologies International, Inc.**

Please see Cincinnati Bell, Inc.

**Vantage Computer Systems, Inc.**

125 Silas Dean Hwy.  
Wethersfield, CT 06109  
(203) 721-0609

Robert Maltempo  
IS Revenue (US only), FYE 01/87: \$ 18.0 m  
Total Employees: 255  
Services: Pfs Proc ApplSW  
Private

**Vault Corporation**

2192 Anchor Court, Unit C  
Newbury, CA 91320  
(805) 499-5978

W. Krag Brothby, President  
IS Revenue (US only), FYE 01/87: \$ 1.4 m  
Total Employees: 20  
Services: ApplSW  
Private

**Ventura Computer Systems**

1411 Kuehner Drive  
Santa Susana, CA 93063  
(805) 583-8440

John R. DeGregorio, President  
Services: ApplSW  
Private

**Venture Software, Inc.**

222 Third Street  
Cambridge, MA 02142  
(617) 491-6156

Mary Cahill, President  
Total Employees: 10  
Services: ApplSW  
Private

**Verity Inc.**

1550 Plymouth Street  
Mountain View, CA 94043-1230  
(415) 960-7600

Michael Pliner, President, Chairman and CEO  
Total Employees: 10  
Services: SysSW  
Private

**Vertek, Inc.**

Please see InfoCode, Inc.

**Vertex Systems, Inc.**

998 Old Eagle School Road  
Wayne, PA 19087  
(215) 687-9060

Raymond Westphal, President  
Services: Tky  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Vertical Technologies Corporation**  
Public

**Subsidiaries/Divisions:**

**Backroom Systems Group**

2661 W. Roosevelt Blvd.  
Monroe, NC 28110  
(704) 289-5474

Ken Long

IS Revenue (US only), FYE 12/87: \$ 6.0 m

Total Employees: 55

Services: Pfs ApplSW

**Viasoft, Inc.**

3033 N. 44th Street  
Phoenix, AZ 85018  
(602) 952-0050

Kent Petzold, President

IS Revenue (US only), FYE 06/87: \$ 5.4 m

Total Employees: 65

Services: SysSW

Private

**Vicorp Interactive Systems, Inc.**

540 Tremont Street  
Boston, MA 02116  
(617) 542-9233

Stuart Patterson

Total Employees: 10

Services: ApplSW SysSW

Private

**Video Financial**

1020 John St.  
Seattle, WA 98109  
(206) 682-8482

Don Voger, General Manager

Services: Proc

Private

**Vidmar Stanley**

Please see Stanley Works

**Viking Software Services, Inc.**

2815 E. Skelly Drive  
Tulsa, OK 74105  
(914) 745-6550

John Haley, President

IS Revenue (US only), FYE 01/87: \$ 0.7 m

Total Employees: 7

Services: SysSW

Private

**Vinylweld**

2001 W. Hastings  
Chicago, IL 60608  
(312) 243-0606

Private

**Virtual Microsystems, Inc.**

Please see ROSSDATA Corporation

**Visa USA, Inc.**

San Mateo, CA  
(415) 570-3200

Carl T. Russell, President

IS Revenue (US only), FYE 01/87: \$ 88.0 m

Total Employees: 1,007

Services: Pfs Network Tky

Private

**Visionics**

343 Gibraltar Drive  
Sunnyvale, CA 94089  
(408) 745-1551

Rein Luik, President

Services: ApplSW

Private

**Vista Computer, Inc.**

85 Executive Boulevard  
Elmsford, NY 10523  
(914) 592-8190

Services: Pfs Proc ApplSW SysInt Tky

Private

**Vista Concepts, Inc.**

Please see AGS Computers, Inc.

**Vista Data Systems, Inc.**

8961 Ivy Oval  
Cleveland, OH 44133  
(216) 582-0520

Michael Vislosky, President

Services: Pfs ApplSW

Private

**Visual Engineering Inc.**

2025 Gateway Place  
Suite 414  
San Jose, CA 95110  
(408) 922-2800

Bob Glazebrook, President

Total Revenue, FYE 09/87: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 10

Services: ApplSW SysSW

Private

**Visual Intelligence Corporation**

Amherst Research Park  
Amherst, MA 01002  
(413) 253-3482

Total Revenue, FYE 12/87: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 39

Services: ApplSW

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Visual Software, Inc.**  
3945 Freedom Circle  
Suite 540  
Santa Clara, CA 95054  
(408) 988-7575

David West, President  
Total Employees: 15  
Services: SysSW  
Private

**Vitro Corporation**

Please see Penn Central Federal Systems Company

**VLI Computer Services, Inc.**

Name changed. Please see New York Computer People

**V Mark Software**

5 Strathmore Road  
Natick, MA 01760  
(617) 655-4506

Rob Claussen, President  
IS Revenue (US only), FYE 12/87: \$ 7.0 m  
Total Employees: 42  
Services: SysSW  
Private

**VM/CMS Unlimited, Inc.**

Please see First Alliance

**VM Software, Inc.**

1800 Alexander Bell Dr.  
Reston, VA 22091  
(703) 264-8000

Richard L. Earnest, President  
IS Revenue (US only), FYE 12/87: \$ 30.6 m  
Total Employees: 273  
Services: Pfs SysSW  
Public

**VM Systems Group**

Subsidiaries/Divisions:

**Kelinar Corporation**

901 South Highland Street  
Arlington, VA 22204  
(703) 685-1314

John Myrna  
Total Revenue, FYE 12/88: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 31  
Services: SysSW  
Private

**Vocam Systems, Inc.**

10800 Lyndale Avenue S.  
Bloomington, MN 55402  
(612) 888-4890

**B. Richard Vogen**

Total Revenue, FYE 12/88: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 3  
Services: ApplSW  
Public

**Voicemail International, Inc.**

2953 Bunker Hill Lane  
Santa Clara, CA 95054  
(408) 980-4000

**Alan Rossi, President**

Total Revenue, FYE 12/87: (Est) \$ 4.7 m  
IS Revenue: \$ 4.7 m  
Total Employees: 60  
Services: Network Tky  
Public

**Volt Delta Resources, Inc.**

Please see Volt Information Sciences, Inc.

**Volt Information Sciences, Inc.**

101 Park Ave.  
New York, NY 10178  
(212) 309-0200

**William Shaw**

IS Revenue (US only), FYE 10/87: \$ 22.2 m  
Total Employees: 335  
Services: Pfs Tky  
Public

Subsidiaries/Divisions:

**Volt Delta Resources, Inc.**

1133 Avenue of the Americas  
New York, NY 10036  
(212) 944-3900  
Geraldine Ryan, President  
Services: Pfs Tky

**VRC Consulting Group**

289 S. San Antonio  
Los Altos, CA 94022  
(415) 948-1513

**Vince Ceriello**

IS Revenue (US only), FYE 06/87: \$ 0.8 m  
Total Employees: 12  
Services: Pfs SysInt  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**VSE Corporation**

2550 Huntington Ave.

Alexandria, VA 22303

(703) 960-4600

John Toomy, President

IS Revenue (US only), FYE 12/87: \$ 3.0 m

Total Employees: 2,000

Services: Pfs

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Wachovia Corporation (The)**

301 N. Main Street  
Winston-Salem, NC 27101  
(919) 770-6662

John G. Medlin, Jr., President

Services: Proc  
Public

**Walker Interactive Products**

100 Spear Street  
Suite 300  
San Francisco, CA 94105  
(415) 495-8811

David Brownlee, President

Services: ApplSW  
Private

**Walker, Richer & Quinn, Inc.**

2825 Eastblee Avenue East  
Seattle, WA 98103-1876  
(206) 324-0350

Doug Wallar

Services: SysSW  
Private

**Wallaby Software Corporation**

N. Franklin Turnpike  
Ramsey, NJ 07446  
(201) 934-9333

Frank BiaMonte, President

Services: ApplSW  
Private

**Wall Street Data Services**

Please see Bank of New York

**Walter E. Ulrich Consultants**

Please see Coopers & Lybrand

**Walters Samson Group**

The Netherlands  
Private

**Subsidiaries/Divisions:**

**Aspen Systems Corporation**

1600 Research Blvd.  
Rockville, MD 20850  
(301) 251-5000

**Wang Laboratories, Inc.**

One Industrial Ave.  
Lowell, MA 01850  
(617) 459-5000

An Wang, CEO

IS Revenue (US only), FYE 06/87: \$ 443.0 m  
Services: Pfs Network ApplSW SysSW  
Public

**Warner Computer Systems, Inc.**

1701 Pollitt Drive  
Fairlawn, NJ 07410  
(201) 489-1580

Harvey Kreiger, President

Total Revenue, FYE 10/87: (Est) \$ 9.8 m  
Services: Proc  
Public

**Warner Information Systems**

950 Southeastern Ave.  
Los Angeles, CA 90022  
(213) 264-3600

Lester A. Warner, President

IS Revenue (US only), FYE 12/87: \$ 2.0 m  
Total Employees: 26  
Services: Proc ApplSW  
Private

**Warren, Gorham, and Lamont**

**Subsidiaries/Divisions:**

**Sheshunoff Information Services, Inc.**

P.O. Box 13203  
Capital Station  
Austin, TX 78711  
(512) 472-2244

Alex Sheshunoff, President

Total Revenue, FYE 12/87: (Est) \$ 2.7 m  
IS Revenue: \$ 0.8 m  
Total Employees: 75  
Services: ApplSW  
Private

**Waveform**

1912 Bonita Way  
Berkeley, CA 94704  
(415) 841-9866

Private

**Wave Software**

2741 Union  
San Francisco, CA 94123  
(415) 931-6532

Andrew Dunke, President

IS Revenue (US only), FYE 07/87: \$ 0.2 m  
Total Employees: 2  
Services: ApplSW  
Private

**Wayne Green Publications Group**

Route 101 & Elm St.  
Peterborough, NH 03458  
(603) 924-7138

Private

**CAMS 1988**  
**Directory of Information Services Companies**

**WEBB Company**  
1999 Shepard Road  
St. Paul, MN 55116  
(612) 690-7323  
Private

**Webber Duffy, Inc.**  
230 Park Avenue  
Suite 1236  
New York, NY 10169  
(212) 557-1322  
Kevin Duffy, President  
Services: Tky  
Private

**Weekly Reader Family Software**  
245 Long Hill Road  
Middleton, CT 06457  
(203) 347-7251  
Private

**Weidenhammer Systems Corporation**  
3 Park Plaza  
Wyomissing, PA 19610  
(215) 278-1149  
John Weidenhammer, President  
Total Revenue, FYE 01/87: (Est) \$ 2.5 m  
IS Revenue: \$ 2.5 m  
Total Employees: 39  
Services: Pfs Proc ApplSW  
Private

**Weidner Communications**  
40 Skokie Blvd., Suite 300  
Northbrook, IL 60062  
(312) 564-8122  
Nevil Garrett, President  
Services: ApplSW Tky  
Private

**Welcom Software Technology**  
1325 South Dairy Ashford  
Suite 125  
Houston, TX 77077  
(713) 558-0514  
Tony Welsh, President  
Services: ApplSW  
Private

**Welsh, Carson, Anderson and Stowe**  
1 World Financial Center  
200 Liberty Street #3601  
New York, NY 10281  
(212) 945-2000  
Private

**Western Computer Services Inc.**  
33 Neil Avenue  
Helena, MT 59601  
(406) 443-5491  
Dana Glatz, President  
IS Revenue (US only), FYE 12/87: \$ 0.5 m  
Total Employees: 9  
Services: Pfs Proc ApplSW  
Private

**Western Data Corporation**  
1200 112th N.E.  
Bellevue, WA 98004  
(206) 453-1540  
Will Russell, President  
IS Revenue (US only), FYE 12/87: \$ 4.0 m  
Total Employees: 65  
Services: Pfs Proc Tky  
Private

**Western Data Systems, Inc.**  
22120 Clarendon Street  
Woodland Hills, CA 91367-6396  
(818) 340-4041  
Richard C. Lemons, President  
Services: ApplSW  
Private

**Western Geophysical**  
Please see Litton Industries, Inc.

**Western Institute of System Engineering**  
11911 N.E. 1st Street, #206  
Bellevue, WA 98005  
(206) 451-0030  
H. Blair Burner, President  
Total Revenue, FYE 01/86: (Est) \$ 0.5 m  
IS Revenue: \$ 0.5 m  
Total Employees: 9  
Services: Pfs SysInt  
Private

**Western Union Corporation**  
One Lake Street  
Upper Saddle River, NJ 07458  
(201) 825-5000  
Robert S. Leventhal, President  
Public

**Westinghouse Electric**  
Westinghouse Building  
Gateway Center  
Pittsburgh, PA 15222  
(412) 244-2000  
John C. Marous  
IS Revenue (US only), FYE 01/87: \$ 13.0 m  
Services: SysSW  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**Westminster Software, Inc.**

700 E. El Camino Real  
Suite 360  
Mountain View, CA 94040  
(408) 736-7400

Michael Murphy, President

Total Revenue, FYE 03/86: (Est) \$ 0.8 m

IS Revenue: \$ 0.7 m

Total Employees: 13

Services: Pfs

Private

**West Publishing Company**

50 W. Kellogg Blvd.

P.O. Box 64526

St. Paul, MN 55164-0526

(612) 228-2500

Dwight D. Opperman, President

Services: Network ApplSW

Private

**White Hat Systems, Inc.**

P.O. Box 99

North Andover, MA 01845

(508) 774-4223

Kent E. George

Services: Pfs ApplSW

Private

**Whitesmiths, Ltd.**

59 Power Road

Westford, MA 01886

(617) 692-7800

P.S. Plauger, President

Total Revenue, FYE 12/86: \$ 2.6 m

IS Revenue: \$ 1.7 m

Services: Pfs ApplSW

Private

**White Storage-Retrieval Systems, Inc.**

Subsidiaries/Divisions:

**White Storage & Retrieval Systems, Inc. - Systems Division**

11491 Sorento Valley Road

San Diego, CA 92121

(619) 457-2320

Donald Weiss, President

Total Employees: 60

Services: SysSW

**White Storage & Retrieval Systems, Inc. - Systems Division**

Please see White Storage-Retrieval Systems, Inc.

**Whittaker Corporation**

10880 Wilshire Blvd.

Los Angeles, CA 90024

(213) 475-9411

Gregory T. Parkos, President

Total Revenue, FYE 10/86: \$ 399.1 m

Public

Subsidiaries/Divisions:

**Command Control & Communication Corp.**

23670 Hawthorne Blvd.

Torrance, CA 90505

(213) 373-9651

Monte Hatchett, President

Services: Pfs ApplSW Tk

**Wicat Systems, Inc.**

1875 S. State Street

Orem, UT

(801) 224-6400

Robert Mendenhall, President

Total Revenue, FYE 12/87: (Est) \$ 39.0 m

IS Revenue: \$ 39.0 m

Total Employees: 600

Services: Pfs ApplSW Tk

Private

**Wiland Services**

6707 Winchester Circle

Boulder, CO 80301

(303) 530-0606

Phillip A. Wiland, President

IS Revenue (US only), FYE 12/87: \$ 16.0 m

Total Employees: 250

Services: Proc ApplSW

Public

**Wills Van den Burgh, Inc.**

1150 Bayhill Drive

Suite 121

San Bruno, CA 94066

(415) 583-7908

Wills Van den Burgh, President

Services: ApplSW

Private

**Wiltek, Inc.**

542 Westport Avenue

Norwalk, CT 06851

(203) 853-7400

Private

**Winterhalter & Associates, Inc.**

Please see Interface Systems, Inc.



**CAMS 1988**  
**Directory of Information Services Companies**

**WISE Corporation**

11911 NE 1st Street #206  
Bellevue, WA 98005  
(206) 451-0030

H. Blair Burner

Total Revenue, FYE 12/88: (Est) \$ 2.5 m

IS Revenue: \$ 2.5 m

Total Employees: 6

Services: Pfs

Private

**Wisner Associates, Inc.**

Please see SunGard Data Systems, Inc.

**Wold Communications, Inc.**

10880 Wilshire Boulevard  
Los Angeles, CA 90024  
(213) 474-3500

Robert N. Wold, President

Private

**Wollongong Group, Inc.**

1129 San Antonio Road  
Palo Alto, CA 94303  
(415) 962-7100

Noel Kile, President

Services: ApplSW SysSW

Private

**Wood Computer Associates, Inc.**

79 W. Monroe #510  
Chicago, IL 60603  
(312) 368-0633

Services: Pfs ApplSW

Private

**Woolf Software Systems, Inc.**

22048 Sherman Way, Suite 106  
Canoga Park, CA 91303  
(818) 703-8112

Services: ApplSW

Private

**WordPerfect Corporation**

1555 N. Technology Way  
Orem, UT 84057  
(801) 227-4020

Alan C. Ashton, President

IS Revenue (US only), FYE 12/87: \$ 100.3 m

Total Employees: 760

Services: ApplSW

Private

**Worlco Data Systems, Inc.**

2435 Boulevard of the Gen  
Valley Forge Bus. Center  
Norristown, PA 19403  
(215) 630-9500

Edward A. Rofi, President

Total Revenue, FYE 03/86: \$ 7.3 m

IS Revenue: \$ 7.3 m

Total Employees: 165

Services: Pfs Proc Tky

Public

**World Computer Corporation**

985 West Entrance Drive  
Auburn Hills, MI 48057  
(313) 377-4840

Donn Schulte, President

Total Revenue, FYE 02/88: (Est) \$ 20.0 m

IS Revenue: \$ 20.0 m

Total Employees: 290

Services: Proc Tky

Private

**Worldwide Chain Store Systems, Ltd.**

303 E. Wacker Dr.  
Suite 1900  
Chicago, IL 60601-1901  
(312) 938-0171

Charles C. Fitzmorris, President

IS Revenue (US only), FYE 12/87: \$ 7.0 m

Total Employees: 60

Services: ApplSW Tky

Private

**Worldwide Communications**

111 Pfingston Road  
Deerfield, IL 60015  
(312) 564-8122

Toshiaki Yamamoto, President

IS Revenue (US only), FYE 03/87: \$ 6.6 m

Total Employees: 12

Services: Pfs ApplSW

Private

**World Wide Computer Services, Inc.**

7 Doig Road  
Wayne, NJ 07470  
(201) 694-8876

John J. Davis

IS Revenue (US only), FYE 12/87: \$ 15.0 m

Total Employees: 265

Services: Pfs

Public

**CAMS 1988**  
**Directory of Information Services Companies**

**Yipkon Business Systems**

1 World Trade Center  
Suite 7967  
New York, NY 10048  
(212) 971-9010  
Services: Pfs SysInt Tky  
Private

**York Street Software**

414 York Street  
Frederickton E3B 3P7  
New Brunswick  
Canada  
(506) 454-8953  
Private

**Yourdon Corp.**

1501 Broadway  
New York, NY 10036  
(212) 391-2828  
IS Revenue (US only), FYE 01/87: \$ 17.0 m  
Services: Pfs  
Private

**CAMS 1988**  
**Directory of Information Services Companies**

**ZeroOne Systems, Inc.**  
3990 Freedom Circle  
Santa Clara, CA 95054  
(408) 988-3030  
Frank S. Greene, Jr., President  
Private

**Ziff-Davis Publishing**  
1 Park Avenue  
New York, NY 10016  
(212) 725-3500  
Public

**Subsidiaries/Divisions:**

**Computer Intelligence Corporation**  
3344 N. Torrey Pines Court  
La Jolla, CA 92037  
(619) 450-1667  
Hugh Tietjen, President  
Total Revenue, FYE 09/86: (Est) \$ 11.0 m  
Total Employees: 110  
Services: Proc  
Private

**Ziff-Davis Technical Information Corporation**  
80 Blanchard Rd.  
Burlington, MA 01803  
(617) 273-5500  
Elizabeth Lake  
IS Revenue (US only), FYE 12/87: \$ 36.7 m  
Total Employees: 275  
Services: Network SysW

**Information Access Company**  
326 Lakeside Dr.  
Foster City, CA 94404  
(415) 378-5000  
Morris Goldstein, President  
Services: Network ApplSW  
Private

**Ziff-Davis Technical Information Corporation**  
Please see Ziff-Davis Publishing

**Zimmerman Holdings, Inc.**  
2600 Mission Street  
San Marino, CA 91108  
(818) 441-0444  
Public

**Zink and Catich, Inc.**  
1853 Bernice Road  
Lansing, IL 60438  
(312) 895-0800  
Private

**Zylab Corporation**  
233 East Erie  
Chicago, IL 60611  
(312) 642-2201  
Services: ApplSW  
Private

**Zytron Corporation**  
Please see Dun & Bradstreet Corporation (The)

